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# PRIORITIES REPORT 1979

ITEMS RECOMMENDED FOR IMPLEMENTATION
ADDITIONAL STUDIES TO AID DECISION-MAKING

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OHIO RIVER BASIN COMMISSION
CINCINNATI, OHIO

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# PRIORITIES REPORT 1979

## ITEMS RECOMMENDED FOR IMPLEMENTATION

## ADDITIONAL STUDIES TO AID DECISION-MAKING

OHIO RIVER BASIN COMMISSION CINCINNATI, OHIO

FRED J. KRUMHOLTZ
CHAIRMAN

FRANK M. ALEXANDER
VICE-CHAIRMAN

# OHIO RIVER BASIN COMMISSION

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Cincinnati, Ohio 45202

36 East Fourth Street
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April 26, 1979

Honorable Cecil Andrus
Chairman
Water Resources Council
2120 L Street, NW
Washington, D.C. 20037

Dear Mr. Andrus:

The Priorities Report for the Ohio River Region is enclosed for your review, comment and transmittal to the President and the Congress. It is composed of 15 chapters, one for each major hydrologic subregion and one for regionwide and statewide activities, and supersedes previously submitted priorities reports.

These priorities are for projects, programs, and studies which have been recommended by the Commission to at least partially meet the water related needs in the basin. Pursuant to Section 201(b) of PL 89-80, priorities have been established for 1) items recommended for implementation, including: continued funding of previously funded projects and programs; construction of structural projects and implementation of nonstructural programs; detailed planning; and preliminary investigation; and 2) additional studies to aid decision-making, including: ongoing studies; and other studies. The latter two categories contain project-specific studies, comprehensive planning and research and data collection efforts.

This Report is assembled from the individual priorities submissions of each Commission member, and includes only those items for which there is consensus. No attempt has been made to establish the priority between interagency or interfunctional priorities, but the interdependency of the agency projects has been considered and the Commission has agreed that there are no conflicts or duplication. These priorities represent the regional preference for the development of water and related resources within the Ohio River Region and the items listed for implementation have been adopted as part of the Ohio River Basin Commission's Comprehensive Coordinated Joint Plan (CCJP).

The 1979 Priorities Report was made possible by the cooperation and joint efforts of each member of this Commission. It represents the consensus agreements which have been reached in the Commission's open forum and provides the President and the Congress with information of use in establishing national priorities and programs. The Ohio River Basin Commission will revise the Priorities Report annually or as frequently as is required due to changing policies, needs and conditions, as reflected in the ORBC's CCJP.

Sincerely,

Fred J. Krumholtz

Fred J. Krumholtz
Chairman

Enclosure
As stated

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# INTRODUCTION
# PRIORITIES REPORT 1979

## WHY AND FOR WHOM WAS THIS PRIORITIES REPORT DEVELOPED?

The 1979 Ohio River Basin Commission Priorities Report was prepared pursuant to Sec. 201(b)(3) of PL 89-80, The Water Resources Planning Act of 1965. It provides the President, the Congress, the governors of the 11 Ohio River Basin states and their state legislatures the Commission's recommendations on the priority for funding water resources related items included in the Commission's Comprehensive Coordinated Joint Plan. The recommendations included herein reflect the regional consensus of state and federal water resources officials. Each item proposed for inclusion in this Priorities Report has been reviewed and accepted by every individual Commission member.

These priorities are provided to governmental decision makers to assist them in providing for the wisest use of the water-related resources of the Ohio River Region. To the President and the Congress, the priorities provide the regional view of those line item appropriations annually called for in federal agency budgets. The Priorities Report will be helpful to those Congressional committees and subcommittees who recommend the level of water resources related expenditures of the many federal agencies involved in water resources planning and development, and to the Senators and Representatives who make the final appropriations.

For the governors and state legislatures, the 1979 Priorities Report serves a similar function, providing guidance to their water resources related budgeting and programming actions. The recommendations regarding federal agency programs are useful in the short-, mid- and long-term formulation of state government water-related expenditures. By examining the areas of planned federal activity and the time frames in which these actions are recommended to be accomplished, a governor and state legislature can eliminate state projects or programs which would only duplicate existing federal activities, or withdraw state support for one federal action in deference to a more desirable federal project or program. State agencies can also begin to formulate state-administered programs to deal with water-related needs and problems which are currently not targeted for federal resolution.

The Priorities are also of interest to the general public since they provide, in a single listing, those water related activities most likely to continue or be undertaken in future years. Full disclosure of the regional water and related land resources plan should foster public participation which will provide feedback to government officials, alerting them to changes in the needs and problems perceived by their constituents.

## HOW WERE THE PRIORITIES DEVELOPED?

The Ohio River Basin Commission Priorities Report process is established by Commission policy. When Commission members review the items submitted for inclusion in the Priorities Report they consider the following:

1. The ability of their state or agency to participate in the implementation of a project or program or the conduct of a study or investigation if the item is funded within the time frame indicated by the priority list.

2. The advisability of including items on the priorities lists which may conflict with existing state or agency policies, or require undesirable changes in planning, construction or operations.

The Commission selected the time frames for each priority group after extensive debate. Soon after its creation in 1971, the Commission retained a consultant to develop a numerical procedure for priority assignments. After reviewing the resulting report the Commission rejected the use of pseudo-scientific numerical procedures as invalid and decided to rely on the experience of its individual members, tempered through the use of consensus, in the forum provided by the Commission. There was consensus that no attempt should be made to numerically rank priority items in a regional report although they may be ranked internally by individual states and agencies. Ranking across functional areas and subregions, while considered a worthy goal, was also rejected at this time by the Commission because of the political problems involved in accomplishing such ranking in a meaningful and implementable way and because the present national and state executive and legislative structure is not now designed to utilize priorities lists that are fully integrated either regionally or functionally.

The priorities are grouped in three broad time frames (1-5 years, 6-15 years, and beyond 15 years) in recognition of the practical and political considerations which are an integral part of any appropriations process. Although it may be highly desirable, from the Commission's viewpoint, to have every project, study or research and data collection effort included in Priority Group I (1-5 years) funded during the immediate fiscal year, the Commission recognizes that the scarcity of fiscal resources coupled with the needs and desires of the Congress will likely not permit all of these actions to be accomplished immediately. Rather, the one-to-five-year time frame is an indication that, although a particular project or program may not be funded for the coming fiscal year, every effort should be made to provide funding sometime during the next five-year period. By utilizing the Priorities Report in this fashion, the President and the Congress can keep track of those appropriations needed for the water resources projects or studies vital to meeting this Basin's needs and solving its problems, and which are necessary for its sound, stable growth and overall quality of human environment.

The Ohio River Basin Commission's priorities are updated annually to reflect changes in conditions, fiscal capabilities and state or federal laws or policies. The Commission feels that the recommendations of annual priorities to the President, the Congress, the governors and state legislatures is one of its more important and immediately useful products; thus, the Priorities Report will continue to be sensitive to these changes and responsive to the state and federal officials whom it is intended to serve.

## WHAT INFORMATION DOES THE PRIORITIES REPORT CONTAIN?

First, the report contains a summary analysis of recommended Priority Group I projects and programs. Recommendations are summarized within major hydrologic subregions by functional categories. Individual priorities lists for each subregion are included, with the exception of the U.S. EPA construction grant program for municipal sewage treatment plants and HUD's National Flood Insurance program. which are summarized for each ORBC subregion in tables separated from the other major divisions of the Priorities Report Summary. The construction grant program for municipal sewage treatment plants also appears in the Basinwide Summary portion of Table 1, "Continued Funding of Previously Funded Projects & Programs." The EPA and HUD summary tables, by themselves, are designed to furnish the Priorities Report user an indication of progress to date in meeting the legislative requirements and objectives of the two programs and steps yet necessary to be taken.

The priorities are divided into two major groups: 1) Items Recommended for Implementation and 2) Additional Studies to Aid Decision-Making.

I. Items Recommended for Implementation includes all adopted items in the regional plan to which a priority has been assigned. Since these items are at different points in the pipeline from inception to completion this group is further subdivided into four parts reflecting the major stages involved in implementation:

(a) Continued funding of previous funded projects and programs includes those projects for which some implementation funds have already been provided and those ongoing programs for which continued funding is recommended.

(b) Priorities for implementation of potential projects in the plan represents those recommended items which require, and are ready to utilize implementation funds. These items have completed all stages of planning design and revision. It also includes a few items now in detailed planning but which require no further funding for planning or design.

(c) Priorities for detailed planning of potential projects in the plan includes adopted items which require additional design, permit or review before implementation can begin. Implementation funds, if provided now, could not be effectively utilized by these items, although implementation is recommended to begin within the time frame indicated by the priority assigned.

(d) Priorities for preliminary investigation of potential projects in plan refer to those items which, based on information currently available, the Commission has selected as the preferred alternatives to meet a particular need but which require feasibility studies or other investigations of a preliminary nature to confirm this judgment.

II. Additional Studies to Aid Decision-Making includes those projects and programs which are candidates for adoption into the plan pending additional study to provide the Commission with information necessary to make a decision. This group also includes studies of a general nature, which are to investigate water and related resources needs and problems within specific geographic areas. Proposed research and data collection efforts are also listed here. The group is further divided into (a) Ongoing Studies for those studies underway which require continued funding for completion or continuation, and (b) Other Studies which includes proposed studies, research or data collection which the Commission feels should be undertaken to investigate a demonstrated or anticipated need or to develop alternative solutions to existing problems.

## KEY TO ABBREVIATIONS AND COLUMN HEADINGS

Purposes:

FDA - Flood Damage Abatement
NHR - Natural, Historical or Recreational
P - Power
T - Transportation
WQC - Water Quality Control
WS - Water Supply

Priority Group:

I - Recommended to be done within next 5 years
II - Recommended to be done within 6 through 15 years
III - Recommended to be done at some time beyond 15 Years

Estimated Total Project Costs:

Unless otherwise indicated, the total costs required to fully implement this item including appropriate study costs. (All U.S. Army CoE costs are October, 1978 price levels.)

Action Required for Level of Effort Indicated:

Shows what legislative, regulatory or fiscal actions are necessary by federal and state governments to accomplish a recommendation at the level of effort shown. The actions can include, but are not restricted to, authorization, appropriation, grant permit, issue regulations, or new legislation required. Local actions are not shown although local projects can be identified by that notation in the Principal Agency column.

Level of Effort:

I. Items Recommended for Implementation -

All adopted items in the regional plan to which a priority has been assigned. Since these items are at different points in the pipeline from inception to completion this group is further subdivided into four parts reflecting the major stages involved in implementation:

(a) Continued funding of previously funded projects and programs -

Projects for which some implementation funds have already been provided and those ongoing programs for which continued funding is recommended.

(b) Priorities for implementation of potential projects in the plan -

Items which require, and are ready to utilize, implementation funds. These items have completed all stages of planning design and revision. It also includes a few items now in detailed planning but which require no further funding for planning or design.

(c) Priorities for detailed planning of potential projects in the plan - Adopted items which require additional design, permit or review before implementation can begin. Implementation funds, if provided, could not be effectively utilized by these items although implementation is recommended to begin within the time frame indicated by the priority assigned.

(d) Priorities for preliminary investigation of potential projects in the plan - Items which, based on information currently available, the Commission has selected as the preferred alternatives to meeting a particular need but which require feasibility studies or other investigations of a preliminary nature to confirm this judgment.

II. Additional Studies to Aid Decision-Making - Those projects and programs which are candidates for adoption into the plan pending additional study to provide the Commission with information necessary to make a decision. This group also includes studies of a general nature, which are to investigate water and related resources needs and problems within specific geographic areas. Proposed research and data collection efforts are also listed here. The group is further divided into:

(a) Ongoing Studies - Studies underway which require continued funding for completion or continuation.

(b) Other Studies - Proposed studies, research, and data collection which the Commission feels should be undertaken to investigate a demonstrated or anticipated need or to develop alternative solutions to existing problems.

# KEY TO PRINCIPAL AGENCY ABBREVIATIONS

| State and Abbrev. | | |
|---|---|---|
| Illinois | - | IL |
| Indiana | - | IN |
| Kentucky | - | KY |
| Maryland | - | MD |
| New York | - | NY |
| North Carolina | - | NC |
| Ohio | - | OH |
| Pennsylvania | - | PA |
| Tennessee | - | TN |
| Virginia | - | VA |
| West Virginia | - | WV |

| Federal Agency and Abbreviation | | |
|---|---|---|
| Agriculture | - | USDA |
| Soil Conservation Service | - | SCS |
| Forest Service | - | FS |
| Army | - | ARMY |
| Commerce | - | COMM |
| National Oceanic and Atmospheric Administration | - | NOAA |
| Maritime Administration | - | MARAD |
| Energy | - | DOE |
| Environmental Protection Agency | - | EPA |
| Federal Energy Regulatory Commission | - | FERC |
| Health, Education and Welfare | - | HEW |
| Housing and Urban Development | - | HUD |
| Interior | - | USDI |
| Bureau of Mines | - | BOM |
| Fish and Wildlife Service | - | FWS |
| Geological Survey | - | GS |
| Heritage Conservation and Recreation Service | - | HCRS |
| Transportation | - | DOT |
| Tennessee Valley Authority | - | TVA |

| Interstate Commission and Abbreviation | | |
|---|---|---|
| Ohio River Valley Water Sanitation Commission | - | ORSANCO |

# SUMMARY: 1979 ORBC PRIORITIES REPORT

The summary of the 1979 priority recommendations concentrates most heavily on those which appear in the subcategories, "Continued Funding of Previously Funded Projects and Programs," and "Priorities for Implementation of Potential Projects in the Plan." These two categories include those projects and programs which are recommended for continued support to allow completion or continuation, as well as those recommended for first time construction or implementation authorization or funding. These two groups require the major investment of public and private funds and, if implemented, will cause the most direct and immediate impact on the Basin's water related resources.

The category types chosen to represent the projects/programs are not necessarily precise; for example, entries listed as "recreation areas, reservoirs, small watershed projects and RC&D measures" are fairly broad in nature, reflecting a variety of needs addressed and facilities provided under those headings. Recreation areas might include fishing or boating access points, or expansion of state or national park facilities, as well as other purposes; reservoirs generally encompass a variety of uses, including water supply, flood control, recreation and others; small watershed projects and RC&D measures include a similar array of project purposes and benefits. On the other hand, categories identified as "natural areas, wetlands, fish and wildlife areas, archaeological sites, etc." are generally distinguished by their specific project purposes, characteristics and benefits. Each project or program within these categories is identifiable by its unique features which conform to that particular heading.

---

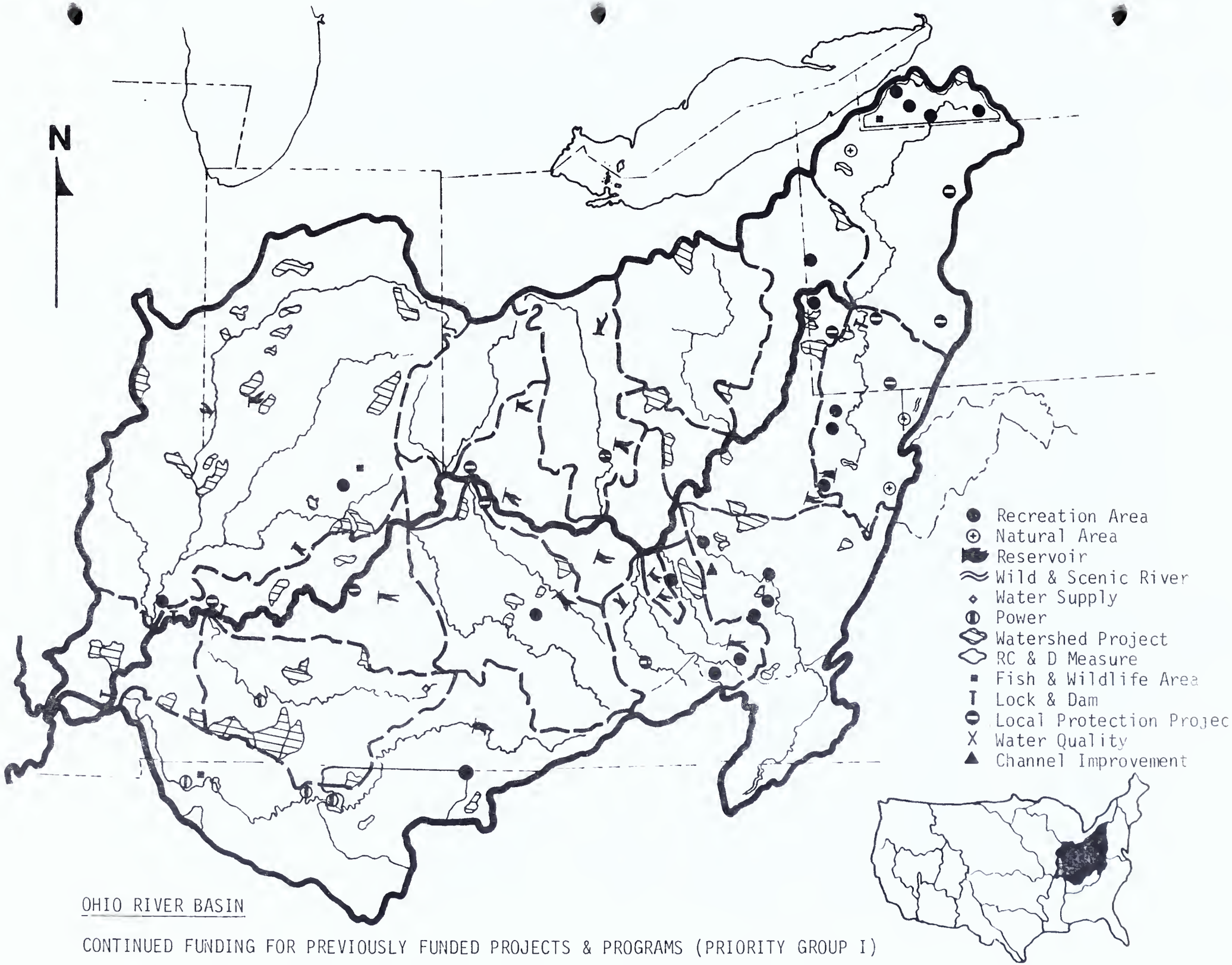
## I. ITEMS RECOMMENDED FOR IMPLEMENTATION

### A. CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS

As part of the ORBC recommended plan and priorities, the Commission strongly supports the continued and/or accelerated funding of many ongoing efforts in the field of water resources. This support is reinforced by the partipation of the ORBC Citizens' Advisory Council in the plan formulation process and by their concurrence in the final recommended plan.

Table 1 and Figure 1 summarize those projects and programs for which continued funding is requested by the Ohio River Basin Commission. The total project and program costs reflected in these recommendations amount to $9.5 billion, over one-half of which is recommended for expenditure by two agencies: $3.5 billion by TVA for the construction of its Hartsville nuclear generating station and modifications to other facilities; and $2.1 billion to U.S. EPA to continue and accelerate its sewage treatment plant construction and modification program.

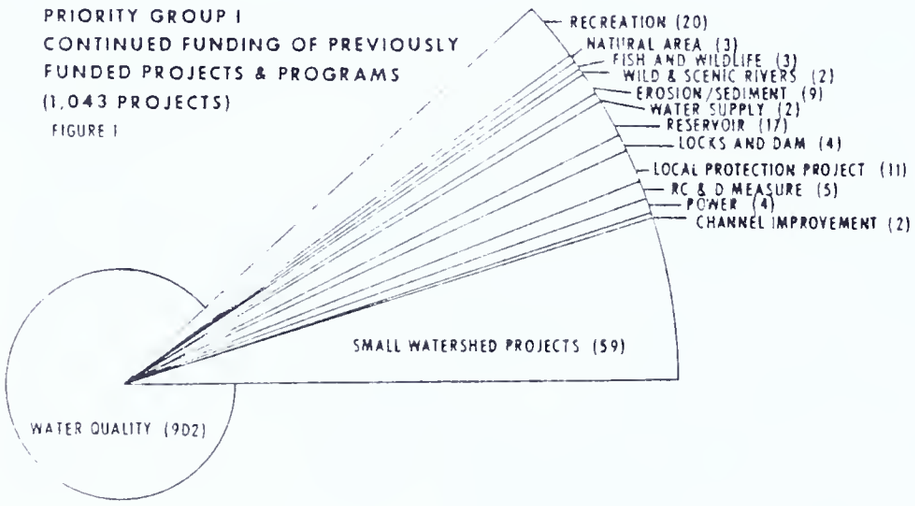
Flood control and navigation programs are recommended with $1.5 billion and $0.5 billion total project costs, respectively. Much of the dollar investment is earmarked for power, flood damage abatement and navigation, but it is equally important to note the increasing prominence of government expenditures



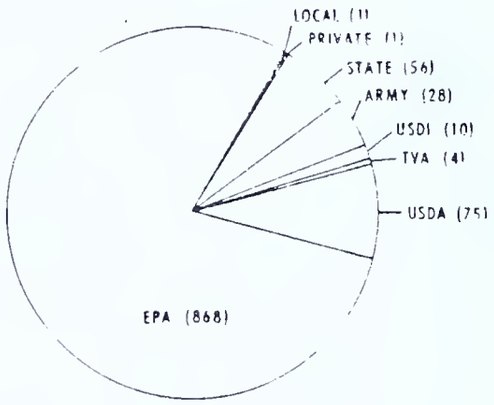

OHIO RIVER BASIN

CONTINUED FUNDING FOR PREVIOUSLY FUNDED PROJECTS & PROGRAMS (PRIORITY GROUP I)

and programs aimed directly at the maintenance and improvement of the environment. Excluding the municipal sewage treatment plants, 73 of the remaining 175 projects/programs have environmentally related purposes and benefits, with total project costs estimated at $1.7 billion.




DISTRIBUTION BY PROJECT TYPE




DISTRIBUTION OF RESPONSIBILITY

The U.S. EPA and the U.S. Department of Agriculture, Soil Conservation Service, are the two federal agencies most involved in implementing the projects recommended in this group. The data does not indicate the status of local assurances and cooperation which are integral to the implementation of the small watershed projects, in particular.

TABLE 1.

PRIORITIES FOR CONTINUED FUNDING FOR PREVIOUSLY FUNDED PROJECTS AND PROGRAMS - PRIORITY GROUP I

| Subregion | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| Allegheny/501 | Recreation | 6 | $ 1,713 | 2 |
| | Natural Area | 1 | 20 | |
| | Fish & Wildlife | 1 | 40 | |
| | Water Supply | 1 | | 1 |
| | Water Quality | 10 | 10,083 | |
| | Small Watershed Project | 3 | 18,296 | |
| | RC&D Measure | 1 | 1,900 | |

TABLE 1. (cont'd)

| Subregion | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| Monongahela/502 | Recreation | 3 | 300 | 2 |
| | Natural Area | 2 | 30 | 1 |
| | Wild & Scenic River | 1 | 15,000 | |
| | Water Quality | 13 | 33,978 | 2 |
| | Local Protection Project | 4 | 4,429 | |
| | Small Watershed Project | 2 | 7,197 | |
| | Reservoir | 1 | 117,000 | |
| | Locks & Dam | 1 | 15,600 | |
| | Channel Improvement | 1 | 990 | |
| Upper Ohio/503 | Recreation | 1 | 8,200 | |
| | Water Quality | 8 | 366,943 | |
| | Erosion/Sediment Control | 2 | 401,900 | |
| | Local Protection Project | 1 | 39,400 | |
| | Small Watershed Project | 9 | 46,766 | |
| | Reservoir | 1 | 48,600 | |
| Muskingum/504 | Water Quality | 1 | | 1 |
| | Small Watershed Project | 1 | 3,647 | |
| Kanawha/505 | Recreation | 4 | 807 | 1 |
| | Wild & Scenic River | 1 | 4,500 | |
| | Small Watershed Project | 6 | 18,133 | |
| | Channel Improvement | 1 | 3,600 | |
| Scioto/506 | Local Protection Project | 1 | 14,200 | |
| | Reservoir | 2 | 54,824 | |
| Big Sandy/ Guyandotte/507 | Recreation | 2 | 1,050 | |
| | Local Protection Project | 1 | 7,180 | |
| | Reservoir | 2 | 222,800 | |
| | Small Watershed Project | 1 | 6,160 | |
| Great Miami/508 | NONE | | | |

TABLE 1 (cont'd)

| Subregion | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| Middle Ohio/509 | Water Quality | 1 | 72,000 | |
| | Erosion/Sediment Control | 1 | 167,200 | |
| | Local Protection Project | 2 | 125,100 | |
| | Reservoir | 5 | 217,300 | |
| Kentucky/ Licking/510 | Recreation | 1 | 11 | |
| | Small Watershed Project | 5 | 9,697 | |
| | Reservoir | 1 | 65,300 | |
| Green/511 | Small Watershed Project | 8 | 34,346 | |
| | Power | 1 | 162,000 | |
| Wabash/512 | Recreation | 2 | 500 | |
| | Fish & Wildlife | 1 | 6,700 | |
| | Water Supply | 1 | 5,000 | |
| | Small Watershed Project | 18 | 71,100 | |
| | Reservoir | 3 | 51,670 | |
| Cumberland/513 | Fish & Wildlife | 1 | | 1 |
| | Small Watershed Project | 1 | 2,205 | |
| | RC&D Measure | 4 | 5,853 | 1 |
| | Reservoir | 1 | 54,700 | |
| | Power | 3 | 3,554,550 | |
| | Recreation | 1 | 140,000 | |
| Lower Ohio/514 | Water Quality | 1 | 344,000 | |
| | Erosion/Sediment Control | 6 | 168,244 | |
| | Local Protection Project | 2 | 78,300 | |
| | Small Watershed Project | 5 | 21,036 | |
| | Reservoir | 1 | 88,700 | |
| | Locks & Dam | 3 | 455,100 | |

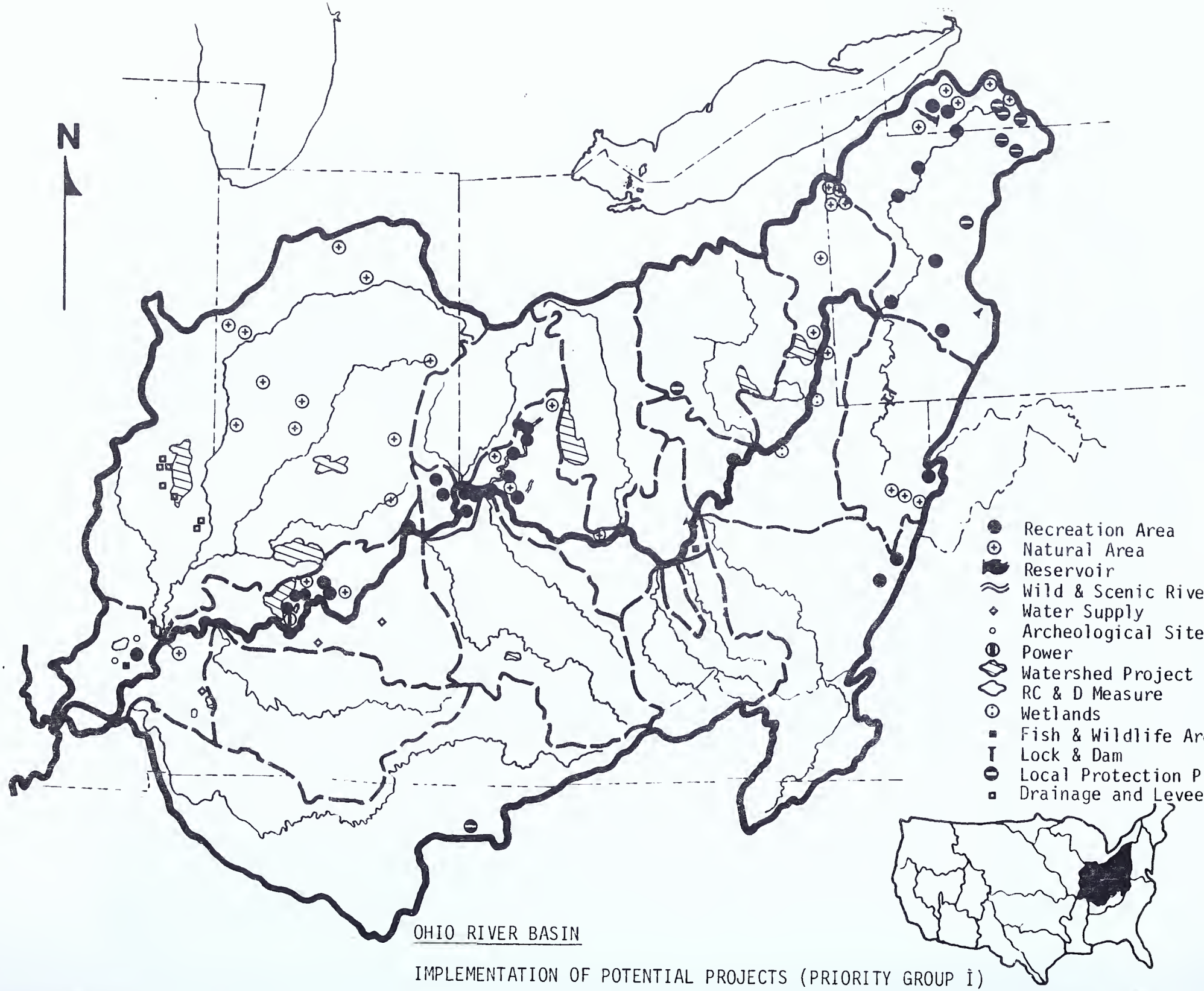
TABLE 1. (cont'd)

PRIORITIES FOR CONTINUED FUNDING FOR PREVIOUSLY FUNDED PROJECTS AND PROGRAMS - PRIORITY GROUP I

| BASINWIDE SUMMARY | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| | Recreation Area | 20 | 152,581 | 5 |
| | Natural Area | 3 | 50 | 1 |
| | Fish & Wildlife Area | 3 | 6,740 | 1 |
| | Wild & Scenic River | 2 | 19,500 | |
| | Reservoir | 17 | 920,894 | |
| | Local Protection Project | 11 | 268,609 | |
| | Small Watershed Project | 59 | 238,565 | |
| | Locks and Dam | 4 | 470,700 | |
| | Water Supply | 2 | 5,000 | 1 |
| | RC&D Measure | 5 | 7,753 | 1 |
| | Power | 4 | 3,716,550 | |
| | Water Quality | 902 | 2,951,004 | 3 |
| | Channel Improvement | 2 | 4,590 | |
| | Erosion/Sediment Control | 9 | 737,344 | |
| | TOTAL | 1,043 | $9,499,880 (1,031 projects) | 12 |

## B. IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN

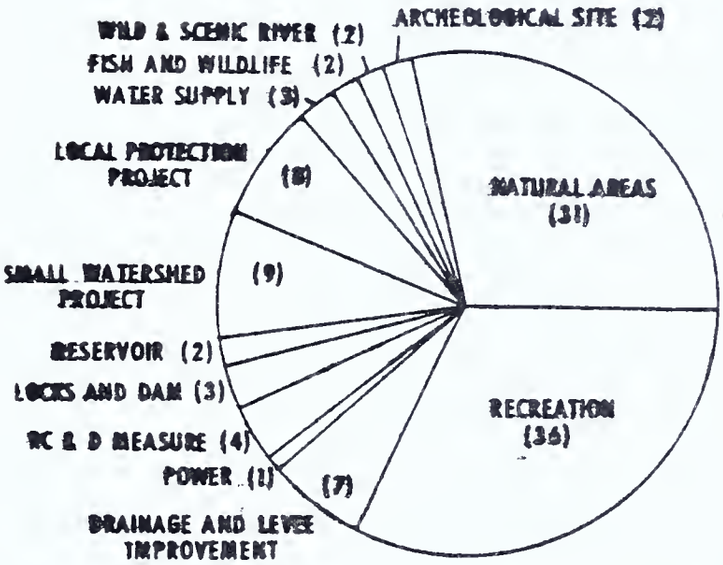
First time implementation actions are recommended for 110 projects and programs at a cost of $537 million. Roughly seventy percent of the Priority Group I recommendations for implementation of potential projects in the plan have an environmental quality emphasis. (see Table 2 and Figure 2). Costs allocated to that seventy percent of the regional recommendations amount to only one-quarter of the total, however. Two reasons for this seeming disparity are apparent: 1) costs are estimated for only 59 of the 26 environmental quality recommendations (many of the projects/programs for which funding requirements are not identified are of the type which will be funded through broad, categorical federal or state grant programs, such as the Land and Water Conservation Fund); and 2) the development-oriented projects, particularly the locks and dams needed to more efficiently transport raw and finished materials throughout the region, are very capital-intensive, requiring a great deal of initial investment in facilities construction. The environmental recommendations, on the other hand, are much less capital-intensive, often requiring only simple purchase of land, procurement of easements or other similarly inexpensive means to accomplish the project or program purposes.



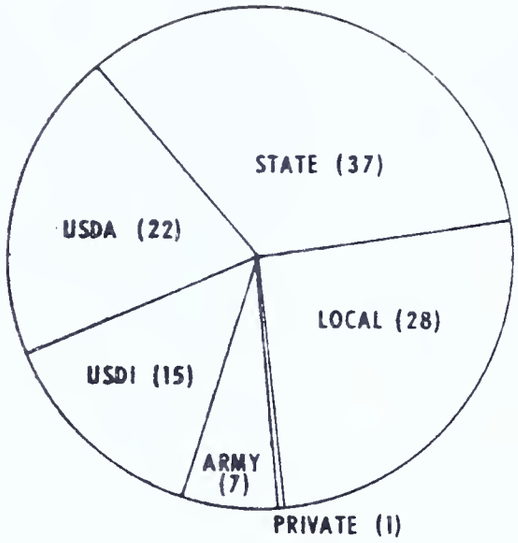

OHIO RIVER BASIN

IMPLEMENTATION OF POTENTIAL PROJECTS (PRIORITY GROUP I)

PRIORITY GROUP I
IMPLEMENTATION OF POTENTIAL
PROJECTS IN THE PLAN (110 PROJECTS)
FIGURE 2




DISTRIBUTION BY PROJECT TYPE




DISTRIBUTION OF RESPONSIBILITY

Implementation responsibility for these Priority Group I recommendations is unequally distributed between federal and non-federal interests. Forty-four of the ninety recommended projects are of federal origin, while sixty-six are to be accomplished by states, local government or private enterprise. However, the distribution of dollars spent is skewed toward the federal side, reflecting the expenditures recommended to implement the capital-intensive projects which have widely distributed benefits.

The mix of federal and non-federal implementing entities demonstrates two important points: 1) the management and conservation of this region's water related resources is a joint venture among the federal and non-federal entities; and 2) the Commission's comprehensive, coordinated and joint planning process is particularly well adapted to discovering, examining and recommending implementation of those needed projects and programs which best fit together for the wise management of the region's resources. It must be recognized that national water policy is not federal water policy, but involves a wide array of federal, state, local and private interests which must work together to accomplish mutually agreed upon objectives. River basin commissions are able to identify regional water related needs and problems and recommend solutions which are best adapted to meet those particular needs and problems to the overall benefit of the region.

TABLE 2.

PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN - PRIORITY GROUP I

| Subregion | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| Allegheny/501 | Recreation Area | 3 | $ 72 | |
| | Natural Area | 4 | 606 | 1 |
| | Reservoir | 2 | 1,130 | |
| | Local Protection Project | 6 | 9,243 | |
| Monongahela/502 | Recreation Area | 3 | 345 | 1 |
| | Natural Area | 3 | | 3 |
| | Locks & Dam | 2 | 106,000 | |
| Upper Ohio/503 | Recreation Area | 6 | 8,394 | |
| | Natural Area | 7 | 833 | |
| | Small Watershed Project | 1 | 7,361 | |
| | RC&D Measure | 1 | 4,127 | |
| Muskingum/504 | Local Protection Project | 1 | 4,660 | |
| | Small Watershed Project | 1 | 1,307 | |
| Kanawha/505 | Recreation Area | 2 | 700 | |
| Scioto/506 | Small Watershed Project | 1 | 3,660 | |
| Big Sandy/ Guyandotte/507 | NONE | | | |
| Great Miami/508 | NONE | | | |
| Middle Ohio/509 | Recreation Area | 15 | $ 83,758 | 1 |
| | Natural Area | 4 | 300 | |
| | Locks and Dam | 1 | 159,000 | |
| | Fish and Wildlife Area | 1 | | 1 |
| | Wild and Scenic River | 2 | 17,238 | |

TABLE 2. (cont'd)

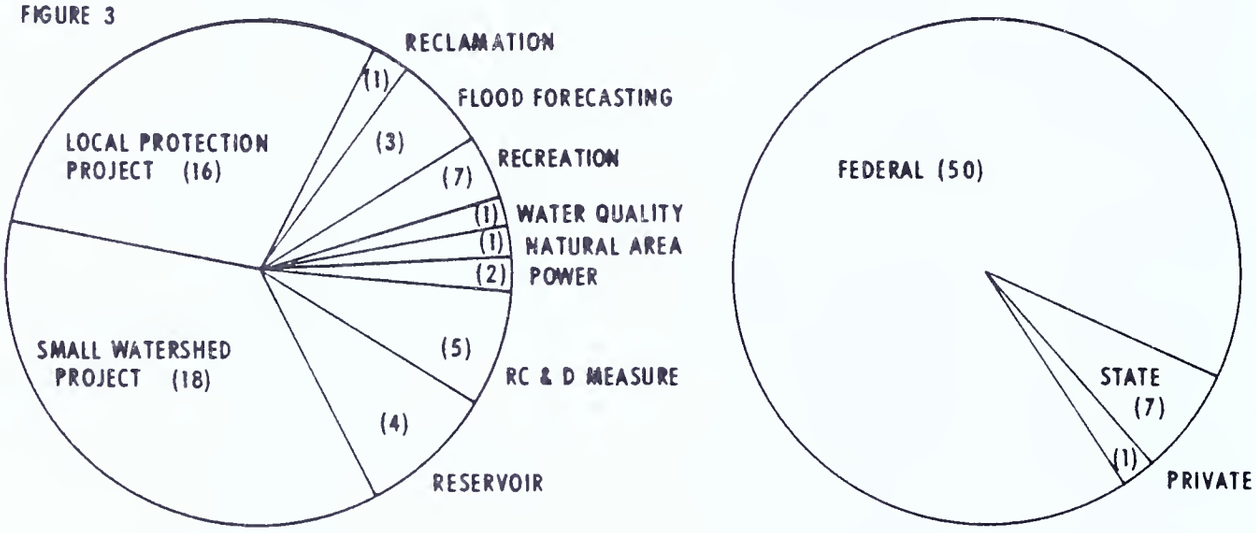
| Subregion | Type | Total # of Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| Kentucky/Licking/ 510 | Small Watershed Project | 1 | 225 | |
| Green/511 | NONE | | | |
| Wabash/512 | Natural Area | 11 | 230 | 7 |
| | Small Watershed Project | 3 | 19,589 | |
| | Drainage and Levee Improvement | 7 | 12,712 | |
| Cumberland/513 | Local Protection Project | 1 | 189 | |
| Lower Ohio/514 | Recreation Area | 7 | 6,240 | 2 |
| | Natural Area | 2 | 270 | |
| | Small Watershed Project | 2 | 11,454 | |
| | Water Supply | 3 | 4,144 | 2 |
| | Fish and Wildlife Area | 1 | 20 | |
| | Archeological Site | 2 | 206 | |
| | Power | 1 | 33,914 | |
| | RC&D Measure | 3 | 1,090 | |
| BASINWIDE SUMMARY | | | | |
| | Recreation Area | 36 | $ 99,509 | 4 |
| | Natural Area | 31 | 2,239 | 11 |
| | Drainage and Levee Improvement | 7 | 12,712 | |
| | Fish and Wildlife Area | 2 | 20 | 1 |
| | Wild and Scenic River | 2 | 17,238 | 1 |
| | Archeological Site | 2 | 206 | |
| | Reservoir | 2 | 1,130 | |
| | Local Protection Project | 8 | 14,092 | |
| | Small Watershed Project | 9 | 41,842 | |
| | Locks and Dam | 3 | 265,000 | |
| | Water Supply | 3 | 44,144 | 2 |
| | RC&D Measure | 4 | 5,217 | |
| | Power | 1 | 33,914 | |
| | TOTAL | 110 | $537,263 (91 projects) | 19 |

## C. PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN

Recommendations in this category are for those potential projects and programs which the Commission has adopted into its comprehensive plan, but which have not yet reached the implementation stage. The Commission recommends that continued and expedient progress be made to move these projects and programs toward implementation. As funding is available and as detailed planning is completed, these projects and programs will be recommended for implementation funding, unless intervening shifts in national or regional goals, objectives and policies, relative criticality in regional needs and problems, or other factors occur which might affect the regional recommendations. The Commission's continuous, coordinated planning process is designed to accommodate or react to such shifts in emphasis.

**PRIORITY GROUP I**
**DETAILED PLANNING OF**
**POTENTIAL PROJECTS IN THE PLAN (58 PROJECTS)**

FIGURE 3




**DISTRIBUTION BY PROJECT TYPE** **DISTRIBUTION OF RESPONSIBILITY**

The distribution of the projects and programs in the detailed planning category sharply contrasts with that of the implementation of potential projects category. Only fifteen percent of the detailed planning recommendations have an environmental quality emphasis, which may reflect that many of the environmental project recommendations are accomplished without the extensive study procedures required of capital-intensive projects or programs aimed at meeting economic growth needs.

Approximately 86 percent of the recommended detailed planning, Priority Group I, is to be accomplished by federal agencies. Correspondingly, the estimated total costs show a predominant expenditure of funds by those agencies. Costs shown are those generally projected to be required to carry the project or program recommendation through implementation. In most cases, some of the funds shown as estimated total costs have already been expended in preliminary investigation or other pre-detailed planning steps which have refined alternatives to a point where only the most environmentally and economically acceptable alternatives need be examined in the detailed planning stages.

TABLE 3.

PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS
IN THE PLAN - PRIORITY GROUP I

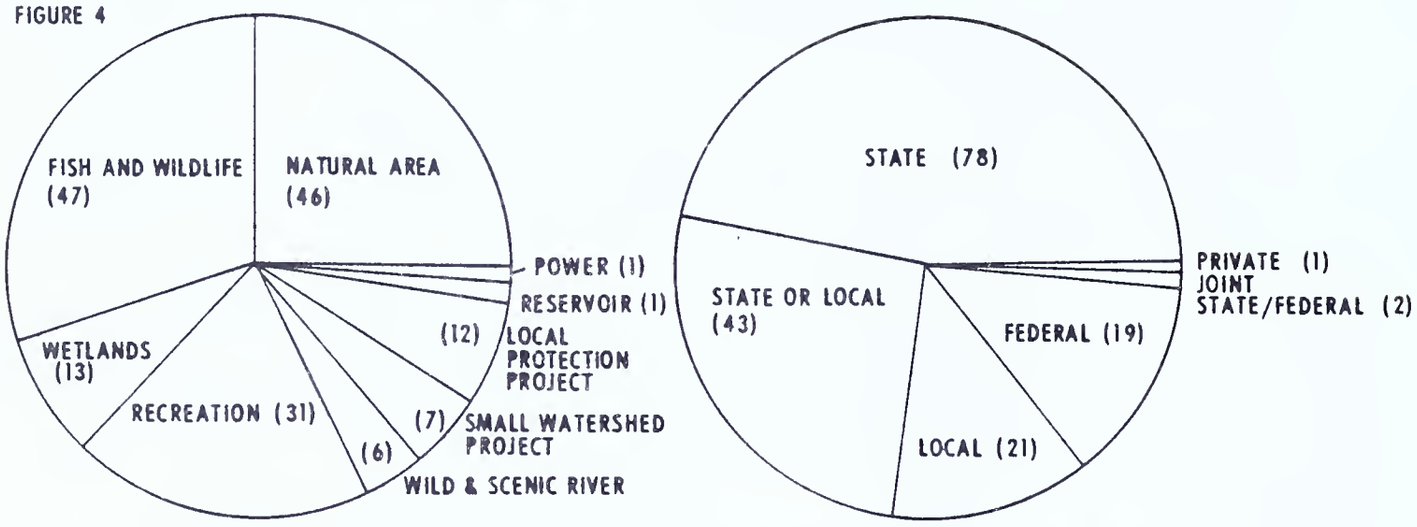
| BASINWIDE SUMMARY | Type | Total # Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|---|
| | Natural Area | 1 | N/A | 1 |
| | Water Quality | 1 | 625 | |
| | Recreation | 7 | 220 | 3 |
| | Flood Forecasting | 3 | 2 | |
| | Local Protection Project | 16 | 35,452 | 2 |
| | Small Watershed Project | 18 | 75,078 | 6 |
| | Reservoir | 4 | 382,000 | |
| | RC&D Measure | 5 | 300 | 4 |
| | Power | 2 | N/A | 2 |
| | Reclamation | 1 | 22,300 | — |
| | TOTAL | 58 | $515,977 (40 projects) | 18 |

## D. PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN

Eighty-three percent of the priorities recommendations for preliminary investigation of potential projects in the plan fall within the environmental quality area. Although a detailed analysis of many of these alternatives has not been made, the Commission recognized that their adoption into the plan is important for the protection and enhancement of the region's natural areas and its fish and wildlife resources. The estimated total costs identified with these potential projects are those considered necessary for actual implementation. The separable costs allocated to the preliminary investigation of these potential projects are of much lesser magnitude. As Table 4. shows, many of the project purposes associated with the environmental quality recommendations can be accomplished with little or no capital costs. The development-oriented potential projects show a slightly different treatment of estimated total costs: for the small watershed projects, costs are estimated primarily on the basis of those known for other projects with similar land acreages in the watershed, topographic features and identified needs and problems. The remaining preliminary investigation costs are for potential projects aimed at meeting needs and problems which have been identified, but for which alternative solutions have yet to be identified.

**PRIORITY GROUP I**
**PRELIMINARY INVESTIGATION OF**
**POTENTIAL PROJECTS IN THE PLAN (164 PROJECTS)**

FIGURE 4




**DISTRIBUTION BY PROJECT TYPE** **DISTRIBUTION OF RESPONSIBILITY**

The distribution of responsibility for the recommended preliminary investigations is predominantly nonfederal, state and local. Quite often, funding for preliminary investigations will not appear in any state or agency's budget as a line item, for the funds to be allocated for these purposes may come from a broad categorical grant program. Similarly, local funds may be obtained from purely local financial resources or from grants made available to local communities on a cost-sharing basis from state or federal entities.

TABLE 4.

PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN - PRIORITY GROUP I

BASINWIDE SUMMARY

| Type | Total # Projects | Estimated Total Costs ($1,000) | # Projects Costs N/A |
|---|---|---|---|
| Natural Area | 46 | $ 9,484 | 9 |
| Fish & Wildlife | 47 | 300[1] | |
| Wetlands | 13 | 336 | 4 |
| Recreation | 31 | 35,512 | 5 |
| Wild & Scenic River | 6 | 3,236 | 3 |
| Small Watershed Project | 7 | 2,755 | 4 |
| Local Protection Project | 12 | 150 | 11 |
| Reservoir | 1 | 150 | |
| Power | 1 | 40,000 | — |
| TOTAL | 164 | 91,923 (128 projects) | 36 |

[1]Costs shown are for 12 projects only; 35 other projects are assumed to have no capital costs as project purposes can be accomplished through regulation.

## II. ADDITIONAL STUDIES TO AID DECISION-MAKING

### A. ONGOING STUDIES

The Priority Group I recommendations for ongoing studies are widely distributed among the 14 subregions in the Ohio River Basin drainage area. The ongoing studies comprise two principal types: 1) project-related studies which the Commission recommends continue until alternatives are sufficiently defined or conflicts resolved to enable the Commission to make a consensus decision on whether or not such alternatives should be included in the comprehensive plan for the region (many costs shown are those estimated for the completed project, were it to be built); and 2) studies already begun which are not project specific, but which are expected to yield information valuable to planners and decision-makers in best managing the region's water-related resources.

### B. OTHER STUDIES

The Priority Group I other studies recommended by the Commission are those for which funding has not previously been sought and are agreed by the Commission to address needs and problems or will develop resources-related data of value to the Commission in developing its comprehensive plan.

On a regionwide basis, the Commission's top priority is to gain federal funding for its special environmental study. The study is designed to identify specific environmental needs in the Ohio Basin and to recommend specific project and program measures to fulfill those needs and specific policies to preserve and enhance the Basin's flora and fauna. 1981 is the third successive fiscal year for seeking federal funding of the environmental study. The study was included in the Commission's FY 79 and 80 budget requests, but was excluded from both Presidential budgets submitted to the Congress. The Commission is again proposing the study for federal funding in FY 81, with funding requirements for FY 81 totalling $320,000.

Three other studies are proposed by the Commission for FY 81 federal funding in the following priority: 1) transport and disposal of toxic wastes; 2) energy facilities siting; and 3) a comprehensive Level B study of the Big Sandy/Guyandotte river basins. First year federal funding requirements are $300,000, $440,000 and $200,000, respectively. The toxic wastes and energy facilities siting studies will examine regional problems of considerable near and far term importance to the entire Ohio River Basin. The Level B study will concentrate on the coordination of studies by the U.S. Army Corps of Engineers and the Appalachian Regional Commission already underway in that area, and will examine the economic, social and natural resources-related area impacts of surface mining regulations.

TABLE 5.

PRIORITY GROUP I
ADDITIONAL STUDIES TO AID DECISION-MAKING

| Subregion | ONGOING STUDIES Total # | Costs* ($1,000) | # Studies Costs N/A | OTHER STUDIES Total # | Costs ($1,000) | # Studies Costs N/A |
|---|---|---|---|---|---|---|
| Allegheny/501 | 23 | $ 6,285 | 13 | 1 | $20,000 | |
| Monongahela/502 | 20 | 24,080 | 6 | 2 | 60 | |
| Upper Ohio/503 | 10 | 2,648 | 7 | 124 | 2,650 | 119 |
| Muskingum/504 | 6 | 11,181 | 3 | 3 | 182 | |
| Kanawha/505 | 7 | 2,066 | 4 | | | |
| Scioto/506 | 4 | 1,041 | 1 | | | |
| Big Sandy/ Guyandotte/507 | 7 | 3,400 | 4 | 2 | | 2 |
| Great Miami/508 | 6 | 2,010 | 4 | 1 | | 1 |
| Middle Ohio/509 | 10 | 10,042 | 5 | 58 | 1,000 | 56 |
| Kentucky/ Licking/510 | 7 | 819 | 4 | | | |
| Green/511 | 2 | 100 | 1 | | | |
| Wabash/512 | 24 | 8,722 | 20 | 1 | 100 | |
| Cumberland/513 | 8 | 19,017 | 1 | | | |
| Lower Ohio/514 | 5 | 1,500 | 3 | 87 | 1,000 | 85 |
| Regionwide/ Statewide | 30 | 7,742 | 18 | 13 | 9,885 | 7 |
| TOTAL | 169 | $107,653 (75 studies) | 94 | 292 | $34,877 (22 studies) | 270 |

*In many cases, costs shown include those for a completed project, were it to be built.

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT

OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| Illinois | Communities in Regular Program | 1 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 58<br>Studies this Year: 0 | Priority I Detailed Planning | $0 |
| | Flood Hazard Areas Identified not in Program | 14 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 2 | Not Applicable | Not Applicable |
| Indiana | Communities in Regular Program | 13 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 243<br>Studies this Year: 31 | Priority I Detailed Planning | $1,150,000 (estimated) |
| | Flood Hazard Areas Identified not in Program | 1 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 0 | Not Applicable | Not Applicable |

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT
OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| Kentucky | Communities in Regular Program | 11 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 171<br>Studies this Year: 29 | Priority I Detailed Planning | $974,000[1] |
| | Flood Hazard Areas Identified not in Program | 74 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 2 | Not Applicable | Not Applicable |
| Maryland | Communities in Regular Program | 0 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 5<br>Studies this Year: 0 | Priority I Detailed Planning | $0 |
| | Flood Hazard Areas Identified not in Program | 0 | Priority II Detailed Planning | Not Applicable |
| | Under Federal Sanctions/Penalty | 0 | Not Applicable | Not Applicable |

[1] (Figure includes 2 communities currently not participating; $27,800 estimated study costs.)

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT

OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| New York | Communities in Regular Program | 0 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 76<br>Studies this Year: 0 | Priority I Detailed Planning | $0 |
| | Flood Hazard Areas Identified not in Program | 9 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 0 | Not Applicable | Not Applicable |
| North Carolina | Communities in Regular Program | 0 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 7<br>Studies this Year: 2 | Priority I Detailed Planning | $0 |
| | Flood Hazard Areas Identified not in Program | 1 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 1 | Not Applicable | Not Applicable |

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT
OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| Ohio | Communities in Regular Program | 9 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 285<br>Studies this Year: 46 | Priority I Detailed Planning | $1,600,000[1] (estimated) |
| | Flood Hazard Areas Identified not in Program | 76 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 49 | Not Applicable | Not Applicable |
| Pennsylvania | Communities in Regular Program | 38 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 297<br>Studies this Year: 96 | Priority 1 Detailed Planning | $2,113,000[2] (estimated) |
| | Flood Hazard Areas Identified not in Program | 96 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 74 | Not Applicable | Not Applicable |

[1](Figure includes 2 communities currently not participating; $45,000 estimated study costs.)
[2](Figure includes 2 communities currently not participating; $27,000 estimated study costs.)

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT

OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| Tennessee | Communities in Regular Program | 1 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 34<br>Studies this Year: 5 | Priority I Detailed Planning | $43,400 |
| | Flood Hazard Areas Identified not in Program | 16 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 5 | Not Applicable | Not Applicable |
| Virginia | Communities in Regular Program | 0 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 28<br>Studies this Year: 0 | Priority I Detailed Planning | $0 |
| | Flood Hazard Areas Identified not in Program | 2 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 1 | Not Applicable | Not Applicable |

- SUMMARY -

NATIONAL FLOOD INSURANCE PROGRAM
U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT
OHIO RIVER BASIN

| STATE | PROGRAM | # OF COMMUNITIES | PRIORITY STATUS | COST |
|---|---|---|---|---|
| West Virginia | Communities in Regular Program | 11 | Complete | Not Applicable |
| | Communities in Emergency Program | Total: 238<br>Studies this Year: 8 | Priority I Detailed Planning | $336,000 (estimated) |
| | Flood Hazard Areas Identified not in Program | 1 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 0 | Not Applicable | Not Applicable |
| Basinwide Total | Communities in Regular Program | 84 | Complete | Not Applicable |
| | Communities in Emergency Program | Total:1,442<br>Studies this Year: 217 | Priority I Detailed Planning | $6,216,400[1] (estimated) |
| | Flood Hazard Areas Identified not in Program | 290 | Priority II Detailed Planning | Not Available |
| | Under Federal Sanctions/Penalty | 134 | Not Applicable | Not Applicable |

[1](Figure includes 6 communities currently not participating; $99,800 estimated study costs.)

SUMMARY

U.S. EPA Municipal Wastewater Treatment Plant Construction Grant Program

Ohio River Drainage Basin

| Subregion | Estimated* Total Costs (millions '76 $) | July 1, 1977 Requirements | | | # Plants Requiring Treatment Beyond '77 Requirements | Estimated* Remaining Costs (millions '76 $) |
|---|---|---|---|---|---|---|
| | | Total # Plants | # Plants in Compliance | # Plants Not in Compliance | | |
| 501 | $ 147 | 95 | 54 | 41 | 27 | $ 80 |
| 502 | 162 | 62 | 27 | 32 | 19 | 83 |
| 503 | 420 | 283 | 125 | 155 | 179 | 354 |
| 504 | 159 | 82 | 16 | 65 | 64 | 92 |
| 505 | 156 | 75 | 27 | 49 | 23 | 122 |
| 506 | 294 | 38 | 18 | 20 | 34 | 287 |
| 507 | 106 | 35 | 16 | 18 | 11 | 49 |
| 508 | 296 | 102 | 17 | 85 | 90 | 166 |
| 509 | 187 | 104 | 29 | 75 | 79 | 219 |
| 510 | 141 | 58 | 19 | 39 | 47 | 43 |
| 511 | 56 | 20 | 4 | 16 | 9 | 18 |
| 512 | 409 | 229 | 55 | 174 | 199 | 363 |
| 513 | 158 | 77 | 41 | 36 | 42 | 137 |
| 514 | 217 | 77 | 25 | 52 | 40 | 95 |
| TOTAL | $2,908 | 1,344 | 476 | 863 | 868 | $2,124 |

*Based on 1975 population and assuming no growth;
Costs estimated to meet PL 92-500 goals.

Sources: U.S. EPA 1976 and 1978 Needs Surveys.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| IL/ USDI | - | Acid Mine Drainage Control | Statewide | WQC | I | $344,000 | Appropriation | Appropriation |
| IN | - | Administration and Enforcement of Surface Mining Acts of 1941, 1967 | Indiana, Southwest, one-third | WQC NHR | I | 665 (FY 79) | None | Appropriation |
| | - | Lake Level Controls | Indiana, Northern one-fourth | FDA | I | 150 (FY 79) | None | Appropriation |
| | - | State Participation, PL-566 Small Watershed Project Planning | Statewide | All | I | 180 (FY 79) | None | Appropriation |
| | - | State Participation, Resource Conservation and Development Program | Statewide | All | I | 21/yr | None | Appropriation |
| | - | Cooperative Forest Management Program | Statewide | NHR | I | 235/yr | None | Appropriation |
| | - | Forest Fire Control Program | Statewide | NHR | I | 120/yr | None | Appropriation |
| OH | - | Conservation Works of Improvement (State Share of Local Water Projects Under SB-160) | Ohio, Ohio River Drainage | | I | 667 (FY 76-77) | None | Appropriation |
| | - | Dam Permits and Inspection | Statewide | | I | $200 (FY 77) | None | Appropriation |
| | - | Rural Water Supply (State Participation) | Ohio, Ohio River Drainage | WS | I | 600 | None | Appropriation |
| | - | Scenic Rivers and Natural Areas Acquisition | Statewide | NHR | I | 1,000 (FY 76-77) | None | Appropriation |
| | - | Scenic Rivers and Natural Areas Program Administration and Operations | Statewide | NHR | I | 201 (FY 77) | None | Appropriation |
| | - | State Participation, PL-566 Small Watershed Projects | Statewide | All | I | 225 (FY 76-77) | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDA/ FS | - | Management Plans and Programs for National Forests | Regionwide | All | I | | Appropriation | None |
| | | Allegheny | Pennsylvania | | | N/A | | |
| | | Daniel Boone | Kentucky | | | N/A | | |
| | | Hoosier | Indiana | | | N/A | | |
| | | Jefferson | Kentucky, Virginia | | | N/A | | |
| | | Monongahela | West Virginia | | | 2,000 | | |
| | | Shawnee | Illinois | | | N/A | | |
| | | Wayne | Ohio | | | N/A | | |
| EPA | - | Municipal Wastewater Treatment Plant Construction Grant Program | Regionwide | WQC | I | $2,278,000 | Appropriation, Allocation | None |
| USDI/ HCRS | - | Land and Water Conservation Fund Authorizations | Regionwide | NH | I | 412,600 (FY 78, 79, 80) | Appropriation | None |
| | | | Illinois | | | 53,900 | | |
| | | | Indiana | | | 28,400 | | |
| | | | Kentucky | | | 19,400 | | |
| | | | Maryland | | | 25,900 | | |
| | | | New York | | | 85,400 | | |
| | | | North Carolina | | | 25,900 | | |
| | | | Ohio | | | 52,000 | | |
| | | | Pennsylvania | | | 56,600 | | |
| | | | Tennessee | | | 23,700 | | |
| | | | Virginia | | | 26,800 | | |
| | | | West Virginia | | | 14,300 | | |
| | | Land and Water Conservation Fund Authorizations | Regionwide | NHR | II | $1,500,300 (FY 81-89) | Appropriation | None |
| | | | Illinois | | | 197,100 | | |
| | | | Indiana | | | 102,600 | | |
| | | | Kentucky | | | 70,200 | | |
| | | | Maryland | | | 93,600 | | |
| | | | New York | | | 313,200 | | |
| | | | North Carolina | | | 93,600 | | |
| | | | Ohio | | | 189,900 | | |
| | | | Pennsylvania | | | 207,000 | | |
| | | | Tennessee | | | 85,500 | | |
| | | | Virginia | | | 97,200 | | |
| | | | West Virginia | | | 50,400 | | |
| USDI/ FWS | - | Federal Grants-in-Aid in Wildlife Restoration (Pittman-Robertson Act) | Regionwide | NHR | I | | Appropriation | None |
| | | | Illinois | | | 307 | | |
| | | | Indiana | | | 1,475 | | |
| | | | Ohio | | | 1,478 | | |
| | - | Federal Grants-in-Aid in Sport Fish Restoration (Dingell-Johnson Act) | Regionwide | NHR | I | | Appropriation | None |
| | | | Illinois | | | N/A | | |
| | | | Indiana | | | 135 | | |
| | | | Ohio | | | 300 | | |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| | - | Animal Damage Control | Regionwide | NHR | I | N/A | Appropriation | None |
| | - | Fish and Wildlife Technical Assistance to State and Federal Agencies | Regionwide | All | I | N/A | Appropriation | None |
| | - | Study, Protection and Management of Endangered Species (PL 93-205) | Regionwide | NHR | I | N/A | Appropriation | None |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| - | - | Provide for direct federal funding and participation in recreational developments on non-federal, publicly-owned lands contiguous to federal projects and where facilities are non-federally operated (Subject of ORBC resolution, federal members abstaining of October 22, 1976) | Regionwide | NHR | I | N/A | Legislation, Appropriation | None |
| MD/ WV | - | State legislation to require reclamation at mine prospecting sites | MD/PA/WV | WQC | I | N/A | None | Legislation |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| KY | - | Management Plans, eight State Wild River Segments (Big South Fork of the Cumberland, Cumberland, Little South Fork of the Cumberland, Martins Fork of the Cumberland, Rockcastle, Rock Creek, Green and Red rivers) | Edmonson, Harlan, Hart, Laurel, McCreary, Menifee, Rockcastle, Wayne, Whitley, Wolfe/KY | NHR | I | $200 | None | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| IL | - | Annual Report, Section 305 b., PL 92-500 | Statewide | WQC | I | N/A | None | Appropriation |
| IL/ USDI/ BOR | - | Comprehensive State Outdoor Recreation Plan | Statewide | NHR | I | N/A | Appropriation | Appropriation |
| IN | - | Soils Mapping | Indiana, by County | All | I | 714 (FY 79) | None | Appropriation |
| | - | 10-Year Acquisition and Development Plan, Department of Natural Resources | Statewide | - | I | N/A | None | Appropriation |
| | - | Flood Plain Mapping | Statewide | FDA | I | N/A | None | Appropriation |
| IN/ USDI/ BOR | - | Comprehensive State Outdoor Recreation Plan - 1983 | Statewide | NHR | I | N/A | Appropriation | Appropriation |
| IN/ USDI/ USGS | - | Collection of Surface and Groundwater Data | Statewide | WS WQC | I | 648 (State) | Appropriation | Appropriation |
| NY/ USDI/ BOR | - | Comprehensive State Outdoor Recreation Plan | Statewide | NHR | I | N/A | Appropriation | Appropriation |
| OH | - | Central Ohio Regional Water Plan | Central Ohio | All | I | 950 | None | Appropriation |
| | - | Southeast Ohio Regional Water Plan | Southeast Ohio | All | I | 1,100 | None | Appropriation |
| | - | Southwest Ohio Regional Water Plan | Southwest Ohio | All | I | 880 | None | Appropriation |
| | - | Flood Plain Planning | Statewide | FDA | I | 50(FY 77) | None | Appropriation |
| OH/ USDI/ BOR | - | Comprehensive State Outdoor Recreation Plan | Statewide | NHR | I | N/A | Appropriation | Appropriation |
| OH/ USDI/ FWS | - | Wildlife Habitat Studies | Ohio Districts 1, 4, 5 | NHR | I | 400 | Appropriation | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| PA | | Pennsylvania State Water Plan | PA | All | I | 200 | Appropriation | Appropriation |
| EPA/ PA | - | COWAMP (includes Sections 208 and 303(e), P.L. 92-500) | Statewide/PA | WQ | I | N/A | Appropriation | Appropriation, Program Implementation |
| EPA/ SPRPC | - | 208 Plan | Allegheny, Armstrong, Beaver, Butler, Washington, Westmoreland/ PA | WQ | I | N/A | None | Executive, Certify Plan |
| EPA/ PA | - | Water Pollution Control Regulation Program | Statewide/PA | WQ | I | N/A | Appropriation | Appropriation |
| 1/ Army | - | Safety Inspection of Non-Federal Dams | Regionwide | | I | N/A | Appropriation | Legislation, Program Implementation |
| | - | 1974 Water Resources Development Act, Section 41 Study | Regionwide | FDA | I | 2,200 | Appropriation | None |
| | - | Comprehensive Basin Planning (Section 22(a), PL 93-251) | Indiana | All | I | $200/yr | Appropriation | None |
| | - | Water-related Planning Assistance to States (Section 22, PL 93-251) | Regionwide | All | I | N/A | Appropriation | None |
| Army/ USDI/ | - | Permits, detailed studies re: disposal of dredge or fill material in navigable waters (Section 10, River and Harbor Act of 1899; Section 404, PL 92-500) | Regionwide | NHR WQC | I | N/A | Appropriation | None |
| Commerce/ MARAD | - | Mid-America Port Study | Regionwide, including entire Mississippi River System | T | I | 400 (200 fed; 200 apportioned among 16 states) | Appropriation | Appropriation |
| USDI/ BOM | - | River Basin Investigations (Mineral Resources Studies Relating to Water and Land Resources Planning) | Regionwide | - | I | N/A | Appropriation | None |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDI/ BOM | - | Advancing Coal Mining Technology (Increasing Coal Production; Subsidence Review - Regulations and Control) | Regionwide | - | I | N/A | Appropriation | None |
| USDI/ BOM/ Commerce/ NOAA | - | National and Regional Water Assessment of Withdrawal and Consumptive Needs of Minerals Industries | Regionwide | WS | I | N/A | Appropriation | None |
| USDI/ BOM/ FWS/ GS | - | Wilderness Investigations (Mineral Potential on Areas Proposed for Inclusion in National Wilderness System) | Regionwide | - | I | N/A | Appropriation | None |
| USDI/ BOR | - | Study to Establish a Minimum System for Wild and Scenic Rivers | Regionwide | NHR | I | | Appropriation | None |
| | - | Unified Regional Recreation Data Program (Cooperative Program with States) | Regionwide | NHR | I | N/A | Appropriation | None |
| | | **OTHER STUDIES** | | | | | | |
| IN | - | Floodway Delineation | Statewide | FDA | I | N/A | None | Appropriation |
| | - | Identification of Potential State Recreation Areas | Indiana State Planning Areas 1, 3, 6, 8 | NHR | I | N/A | None | Appropriation |
| PA | - | Lakes and Waterways | Statewide | NHR | II | N/A | None | Appropriation |
| PA/ USDI/ BOR | - | Fishery Resource Inventory and Classification Program | PA portion, Ohio River Basin | NHR | I | 108 (50/50 State/ Federal) | Appropriation | Appropriation |
| ORBC | - | Special Environmental Study | Regionwide | NHR | I | 1,500 | Appropriation | None |
| | - | Instream use and Consumptive use Investigations | Regionwide | WS WQC NHR | I | N/A | None | None |
| | - | Toxic Waste Transportation and Disposal Study | Regionwide | WQC | I | 520 | Appropriation | None |
| | - | Energy Facilities Siting Study | Regionwide | P | I | 1,850 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 500/Regionwide/Statewide

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDA/ SCS | - | Southwest Ohio River Basin's Study | Southwest Ohio | FDA WQC WS NHR | I | N/A | Appropriation | None |
| USDI/ FWS | - | Investigation and Evaluation of Environmental Contaminants Pertaining to Fish and Wildlife | Regionwide | NHR | I | $20/yr | Appropriation | None |
| | - | Participation in PL-566 Small Watershed Project Planning | Regionwide | NHR FDA | I | N/A | Appropriation | None |
| | - | Dredge and Spoil Disposal O&M, Proj. Investigation | Regionwide | NHR T | I | N/A | Appropriation | None |
| USDI/ FWS/ BOR | - | National Wild and Scenic Rivers Studies (selected rivers) | Regionwide | NHR | I | N/A | Appropriation | None |
| USDI/ GS | - | Surface and Groundwater Monitoring Special Studies (state participation) | Regionwide | All | I | | Appropriation | Appropriation |
| | | | Illinois | | | $ 166 | | |
| | | | Indiana | | | 1,394 | | |
| | | | Kentucky | | | 1,725 | | |
| | | | Maryland | | | 33 | | |
| | | | New York | | | 183 | | |
| | | | North Carolina | | | 12 | | |
| | | | Ohio | | | 1,173 | | |
| | | | Pennsylvania | | | 366 | | |
| | | | Tennessee | | | 274 | | |
| | | | Virginia | | | 76 | | |
| | | | West Virginia | | | 485 | | |
| | | | | | | $5,887 | | |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 501 - Allegheny

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| NY | 182 | Habitat Enhancement and rights acquisition of Goose Creek (Ashville to 0.6 miles above Panama) | Chautauqua/NY | NHR | I | $ 40 | Appropriation | Appropriation |
| | 418 | Small Boat Access to Olean South of Oil Creek | Cattaraugus/NY | NHR | I | 4 | Appropriation | Appropriation |
| | 877 | Flood Warning and Evacuation Program (Assistance to be provided by Army, NOAA and USGS) | Cattaraugus, Chautauqua, and Allegany/NY | FDA | I | N/A | Appropriation | Appropriation |
| | 950 | Small Boat Access and land acquisition to Cassadaga Creek near Bear Lake Outlet | Chautauqua/NY | NHR | I | 7.6 | Appropriation | Appropriation |
| | - | 12 Municipal Water Supply Preliminary Investigations Detailed Planning and Implementation Grants | NY | WS | I | N/A | Appropriation | Appropriation |
| | - | Regional Rural System Interconnections | NY | WS | I | N/A | Appropriation | Appropriation |
| PA/ EPA | - | Water Pollution Control Regulatory and Surveillence of Municipal and Private Systems | Allegheny River Basin Portion/PA | WQC | I | 300/yr | Appropriation | Appropriation |
| James-town | 938 | Chadakoin Park | Chautauqua/NY | NHR | I | N/A | Appropriation | Appropriation |
| Seneca Nation | 960 | Seneca Nation Campground Expansion | Cattaraugus/NY | NHR | I | N/A | Appropriation | Appropriation |
| USDA/ SCS | 20 | Conewango Creek Watershed Project (PL 566) | Cattaraugus, Chautauqua/NY | FDA NHR WQC | I | 11,200 | Appropriation | Appropriation |
| | 21 | Ischua Creek Watershed Project (PL 566) | Cattaraugus/NY | NHR FDA | I | 3,000 | Appropriation | Appropriation |
| | 22 | Oil Creek Watershed Project (PL 566) | Crawford, Erie, Warren, Venago/ PA | FDA | I | 4,096 | Appropriation | Appropriation |
| | 419 | Seneca Trail RC&D Project (Requested by New York) | Chautauqua, Allegany, Cattaraugus/NY | NHR FDA WQC | I, II, III | 1,900 | Appropriation | Appropriation |
| USDI/ FWS | 162 | Erie National Wildlife Refuge | Crawford/PA | NHR | I | 20 (Preliminary cost) | | |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 501 - Allegheny

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDI/ PA | 48 | Chapman State Park - Facilities Renovation, etc. | Warren/PA | NHR | I | $1,058 | Appropriation | Appropriation |
| | 1291 | Applewold Access Development, Allegheny River | Armstrong/PA | NHR | I | 40 | Grant Permit | Appropriation |
| PA | | Acid Mine Drainage Abatement/Reclamation Program (9 Projects) | Subregionwide/ PA | WQC | I | 9,783 | None | None |
| PA | | Cook Forest S.P. | Clarion/PA | NHR | II | 420 | None | Appropriation |
| PA | | Keystone S.P. Day Use Facility | Westmoreland/PA | NHR | I | 853 | None | Appropriation |

## PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NY | 414 | Small Boat Access to Allegheny River at Steam Valley | Cattaraugus/NY | NHR | II | 4 | Appropriation | Appropriation |
| | 416 | Small Boat Access to Conewango Creek at Goodwins Landing | Chautauqua/NY | NHR | I | 4 | Appropriation | Appropriation |
| | 951 | Small Boat Access to Cassadaga Creek Near Red Bird | Chautauqua/NY | NHR | I | 4 | Appropriation | Appropriation |
| | 952 | Wetland Acquisition - Watts Flat | Chautauqua/NY | NHR | I | 360 | Appropriation | Appropriation |
| | 953 | Wetland Acquisition - Jacquins Pond | Chautauqua/NY | NHR | II | 210 | Appropriation | Appropriation |
| | 954 | Wetland Acquisition - Van Der Linden Swamp | Allegany/NY | NHR | I | 96 | Appropriation | Appropriation |
| | 966 | Wetland Acquisition - Bird Swamp | Cattaraugus/NY | NHR | I | 150 | Appropriation | Appropriation |
| PA | 12 | Brockway Borough Flood Protection Project | Jefferson/PA | FDA | I | 387 | None | Appropriation |
| | 860 | Port Allegany Flood Protection Project, Allegheny River | McKean/PA | FDA | I | 2,700 | None | Appropriation |
| PA | 892 | Eldred Flood Protection Project, Allegheny River | McKean/PA | FDA | I | 3,640 | None | Appropriation |
| 1/ ARMY | 413 | Weston Mills - Portville, NY, Allegheny River | Cattaraugus/NY | FDA | I | 1,200 | COE Approval | Governor's Approval |
| ARMY | 462 | Weston Mills - Olean, NY Allegheny River | Cattaraugus/NY | FDA | I | 680 | Appropriation | Appropriation |
| ARMY | 409 | Root Creek, Bolivar, NY | Allegany/NY | FDA | I | 636 | Appropriation | Appropriation |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 501 - Allegheny

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| ARMY/ PA | 427 | Mahoning Lake Access Area Development and Land Acquisition (Combined with Army Proj.) | Armstrong/PA | NHR | I | 580 | Appropriation | Appropriation |
| Co. | 185 | Onoville Marina Expansion | Cattaraugus/NY | NHR | I | N/A | None | Appropriation |
| Local Gov't. | 957 | Warner Dam Rehabilitation | Chautauqua/NY | ALL | I | 950 | None | Appropriation |
| NY & Local Gov't. | 955 | Freshwater Mgt. and Regulation in Allegheny Basin | NY | NHR | I | N/A | None | Appropriation |
| U. of Fredonia & Local Gov't. | 948 | Chautauqua Lake - Eutrophication | Chautauqua/NY | WQC | I | N/A | None | Appropriation |
| USDA | 964 | Wetland Acquisition - Kent Switch Lower Conewango (Proposed by NY) | Cattaraugus & Chautauqua/NY | NHR | I | N/A | Appropriation | Appropriation |
| USDI/ PA | 428 | Tidioute Access Area Development | Warren/PA | NHR | I | 64 | Grant Permit | Appropriation |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| ARMY | 1182 | Acid Mine Drainage Pollution Abatement Project, Clarion River | Forest & Elk/PA | WQC | I | 625 | Appropriation | None |
| COMM | 941 | Portville Forecast Pt. | Cattaraugus/NY | FDA | I | .5 | Appropriation | None |
| | 944 | Ellicottville Forecast Pt. | Cattaraugus/NY | FDA | I | .5 | Appropriation | None |
| | 945 | Little Valley Forecast Pt. | Cattaraugus/NY | FDA | I | .5 | Appropriation | None |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| USDI/ PA | 100 | Clarion Access Improvements, Clarion River | Clarion/PA | NHR | II | 30 | Appropriation | Appropriation |
| | 937 | East Deer Twp. Access Development, Allegheny R. | Allegheny/PA | NHR | II | N/A | Appropriation | Appropriation |
| | 1292 | Freeport Access Development, Allegheny River | Armstrong/PA | NHR | III | N/A | Appropriation | Appropriation |
| | 425 | O'Hara Twp. Access Area Development and Land Acquisition, Allegheny R. | Allegheny/PA | NHR | III | 300 | Appropriation | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 501/Allegheny

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| ONGOING STUDIES | | | | | | | | |
| ARMY | 371 | Allegheny River Vicinity of Oil City, PA | Venango/PA | FDA | I | 170 | Appropriation | None |
| | | West Little Pine Creek, Etna, PA | Allegheny/PA | FDA | I | 600 | COE Approval | Exec. Approval |
| ARMY USDA | - | Upper Allegheny River Basin Level C Study | Potter,McKean/PA Cattaraugus, Allegany/NY | ALL | I | 962 | Appropriation | Appropriation |
| USDA/FS | 1173 | Newbold Estate (archaeological & historical) | PA | NHR | I | N/A | Appropriation | None |
| | 1174 | Charley Run Scenic Area | Forest/PA | NHR | I | N/A | Appropriation | None |
| | 1175 | Allegheny River Islands and Area from Charley Run to Tanbark Trail | Forest/PA | NHR | I | N/A | Appropriation | None |
| | 1176 | Allegheny River Islands and Scenic Area from Slater Run to Wald Run | Warren/PA | NHR | I | N/A | Appropriation | None |
| | 1177 | Allegheny Run Scenic Area from Tidioute to Tionesta | Warren, Forest/PA | NHR | I | N/A | Appropriation | None |
| | 1178 | Tionesta Creek and Reservoir Scenic Area | Forest/PA | NHR | I | N/A | Appropriation | None |
| | 1179 | Bear Creek Lake Recreation Facility | Elk/PA | NHR | I | N/A | Appropriation | None |
| | 1180 | Clarion River Scenic Area | Elk/PA | NHR | I | N/A | Appropriation | None |
| | 1181 | Tionesta Peripheral Scenic and Natural Area | Forest/PA | NHR | I | N/A | Appropriation | None |
| USDA/SCS | 392 | Great Valley Watershed Project (PL-566) | Cattaraugus/NY | FDA NHR WQC | I | $ 50 | Appropriation | None |
| | 419 | Seneca Trail RC&D Project (Requested by NY) | Chautauqua, Cattaraugus, Allegany/NY | FDA NHR WQC | I II III | 900 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 501/Allegheny

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| EPA/ NY | - | State Water Quality Management Plan, Section 208,PL 92-500 | Allegheny River Basin Portion, NY | WQC | I | N/A | Appropriation | Appropriation |
| | - | Water Quality Management Plan, Continuous Planning Process (Sec. 303(e),PL 92-500) | Allegheny River Basin Portion/NY | WQC | I | N/A | Appropriation | Appropriation |
| USDI/ PA | - | Environmental Geology Rural Urban Needs | Crawford, Venago/PA | ALL | I | 175/yr | Appropriation | None |
| | 49 | Clear Creek State Park - Park Renovation | Jefferson/PA | NHR | I | 908 | None | Appropriation |
| | 895 | Groundwater Hydrology | Erie/PA | WS, WQC | I | 320 | Appropriation | Appropriation |
| | 929 | Water Resources of Clarion River and Redbank Creek Basins | Clarion, Jefferson, Elk, Forest, McKean, Clearfield/PA | WS WQC | I | 600 | Appropriation | Appropriation |
| | 946 | Salamanca Flood Proofing and Relocation (Sect. 73 - Water Res. Development Act) | Cattaraugus/NY | FDA | I | N/A | Appropriation | None |
| | 947 | Ellicottville Flood Proofing and Relocation (Sect. 73 - Water Res. Development Act) | Cattaraugus/NY | FDA | I | N/A | Appropriation | None |
| ARMY | | Kiskiminitas River Basin, PA | /PA | ALL | I | 1,600 | Appropriation | None |

### OTHER STUDIES

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PA | 859 | Wattsburg Flood Protection Project | Erie/PA | FDA | I | 20,000 | None | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS | | | | | | | | |
| MD | | Orphan Mine Drainage Abatement Project | MD | WQC | I | $ 117 | Appropriation | Appropriation |
| PA | 810 | Greensburg Flood Protection, Mt. Pleasant St. | Westmoreland/ PA | FDA | I | 813 | None | Appropriation |
| | 43 | Myersdale Flood Protection Unit II | Somerset/PA | FDA | I | 1,078 | None | Appropriation |
| PA | | Jeannette Channel Rectification | Westmoreland/PA | FDA | I | 990 | None | Appropriation |
| PA | | Turtle Creek, Sawmill Run | Allegheny/PA | FDA | I | 2,200 | None | Appropriation |
| PA | 810 | Greensburg Flood Protection (Tributary to Jack's Run) | Westmoreland/PA | FDA | I | 338 | None | Appropriation |
| PA | | Acid Mine Drainage Abatement/Reclamation Program (9 projects) | PA/Subregionwide | WQC | I | 20,140 | None | None |
| WV | 908 | Stonewall Jackson Lake Recreation Area | Lewis/WV | NHR | I | N/A | None | Appropriation |
| | 56 | Pleasants Creek Hunting Area - Campground Addition | Taylor/WV | NHR | I | 250-300 | Appropriation | Appropriation |
| | 54 | Valley Falls State Park - Day Use Area & Land Acquisition | Marion, Taylor/ WV | NHR | I | N/A | Appropriation | Appropriation |
| | | Orphan Mine Drainage Abatement Projects | WV | WQC | I | 13,721 | Appropriation | Appropriation |
| MD/ WV | | Orphan Mine Drainage Abatement | MD, WV | WQC | I | N/A | Appropriation | Appropriation |
| MD/ USDI/ BOM | 1088 | Bear Creek Mine Drainage Abatement | Garrett/MD | WQC | I | N/A | Appropriation | Appropriation |
| 1/ ARMY | 91 | Stonewall Jackson Lake | Lewis/WV | FDA NHR WQC | I | 117,000 | Appropriation | None |
| | 79 | Major Rehab. Locks & Dam 3, PA | Allegheny/PA | T | I | 15,600 | Appropriation | None |
| USDA/ FS | 756 | Sinks of Gandy Natural Area - Purchase and Management | Randolph/WV | NHR | I | 30 | Appropriation | None |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| USDA/ SCS | 72 | Upper Buffalo Creek Watershed Project (PL 566) | Marion/WV | FDA NHR | I | 5,635 | Appropriation | Appropriation |
| | 74 | Prickett's Creek Watershed Project (PL 566) | Harrison, Barbour/WV | FDA NHR | I | 1,562 | Appropriation | Appropriation |
| Private | 797 | Protective Measures for Cranesville Swamp, MD, by WV University and Nature Conservancy | Garrett/MD | NHR | I | N/A | None | None |
| USDI/ HCRS/ MD/ PA | 705 | Youghiogheny Wild & Scenic River | Garrett/MD Fayette/PA | NHR | I | $10-15,000 20,000 (PA) | None | None |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| PA | 814 | Kooser State Park - Park improvement & Sanitary Facility | Somerset/PA | NHR | I | ,120 | None | Appropriation |
| PA/ PGH. | | Brady Street Bridge Access Development | Allegheny/PA | NHR | I | N/A | Appropriation | Appropriation |
| ARMY | 82 | Grays Landing Lock & Dam, (Replacement) | Fayette, Green/ PA | T | I | 64,200 | Authorization, Appropriation | None |
| | 83 | Point Marion Lock, PA (Lock 8 Replacement) | Fayette, Green/ PA | T | I | 41,800 | Authorization, Appropriation | None |
| USDA/ FS | 73 | Monongahela National Forest - Extend Boundaries in Shavers Fork Watershed & Dolly Sods Wilderness | Randolph, Tucker /WV | NHR | I | N/A | Legislative Authorization | None |
| | 735 | Otter Creek Wilderness Area - Land Acquisition | Randolph, Tucker /WV | NHR | I | N/A | Appropriation | None |
| | 760 | Shavers Fork Watershed - Land Acquisition | Randolph, Tucker/WV | NHR | I | N/A | Appropriation | None |
| | 999 | Dolly Sods Wilderness Area - Land Acquisition | Randolph, Tucker/WV | NHR | I | N/A | Appropriation | None |
| WV | 49 | Blackwater Falls State Park - Recreation Bldg. | WV | NHR | I | 225 | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| USDA/ SCS | 688 | Elk Creek Watershed Project (PL-566) | Harrison, Barbour/WV | NHR | I | 20,707 | Appropriation | Appropriation |
| | 383 | Hackers Creek Watershed Project (PL-566) | Harrison, Lewis Upshur/WV | NHR WS FDA | I | 2,933 | Appropriation | Appropriation |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| PA | 1055 | West Newton Access Improvements Youghiogheny River | Westmoreland/PA | NHR | II | N/A | Appropriation | Appropriation |
| PA/ Co. | 1057 | Cedar Creek Park Access Improvements | Westmoreland/PA | NHR | II | 55 | Appropriation | Appropriation |
| ARMY/ PA | 1054 | Point Marion Access Improvements | Greene/PA | NHR | III | 149 | Appropriation | Appropriation |
| | 1056 | Greensboro Access Development, Monongahela River | Greene/PA | NHR | II | 163 | Appropriation | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| ONGOING STUDIES | | | | | | | | |
| | 909 | Bridgeville Flood Protection, McLaughlin Run | Allegheny/PA | FDA | I | N/A | None | Appropriation |
| PA/ USDI/ ARC | 792 | Acquisition of Strip Mined Lands as Recreation & Ecological Areas (Demonstration Project) | Location to be selected | NHR | I | 15 | Appropriation | Appropriation |
| COUNTY | | Water Quality Management Plan (Section 208/303(e), PL 92-500) | MD | WQC | I | N/A | Appropriation | Appropriation |
| ARMY | 766 | Turtle Creek Basin Study | West Moreland/PA | All | I | 570 | Appropriation | None |
| | 826 | Monongahela - Youghiogheny River Basin Study | MD, PA, WV | All | I | 2,267 | Appropriation | None |
| EPA/ WV | | Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | WV | WQC | I | N/A | Appropriation | Appropriation |
| FPC/ Private | 736 | Davis Power Project | Tucker/WV | P NHR | I | 98,100 | Licensing | None |
| USDA | 755 | Dolly Sods Natural Area (8000 acres outside existing wilderness Area) | Tucker/WV | NHR | I | 800 | Appropriation | None |
| USDA/ FS | 735 | Otter Creek Wilderness Area - Management Plan | Randolph, Tucker/WV | NHR | I | N/A | Appropriation | None |
| | 999 | Dolly Sods Wilderness Management Plan | Randolph, Tucker/WV | NHR | I | N/A | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA/ SCS | 346 | Three Forks Creek Watershed Project (PL-566) | Preston, Taylor, Monongahalia/WV | NHR WQC WS FDA | II | 2,515 | Appropriation | None |
| | 348 | Sandy Creek Watershed Project (PL-566) | Preston, Taylor, Barbour/WV | NHR WS FDA | II | 2,107 | Appropriation | None |
| | 349 | Leading Creek Watershed Project (PL-566) | Randolph/WV | NHR WS FDA | I | 5,934 | Appropriation | None |
| | 353 | French Creek Watershed Project (PL-566) | Upshur/WV | NHR FDA | II | 1,762 | Appropriation | None |
| | 356 | Mill Creek Watershed Project (PL-566) | Barbour/WV | NHR FDA | II | $ 1,762 | Appropriation | None |
| | 382 | Lost Creek Watershed Project (PL-566) | Harrison, Lewis/WV | NHR WS FDA | I | 1,054 | Appropriation | None |
| | 389 | Upper Little Tenmile Creek Watershed Project (PL-566) | Harrison/WV | NHR WS FDA | I | 4,750 | Appropriation | None |
| | 394 | Simpson Creek Watershed Project (PL-566) | Barbour, Harrison, Taylor/WV | NHR WS FDA | I | 2,618 | Appropriation | None |
| | 398 | Bingaman Creek Watershed Project (PL-566) | Harrison, Marion/WV | NHR WS FDA | II | 4,307 | Appropriation | None |
| | 696 | Sewickley Creek - Jack's Run Watershed Project (PL-566) | Westmoreland/PA | NHR FDA | I | 4,450 | Appropriation | None |
| | 697 | Upper Casselman River Watershed Project (PL-566) | Garrett/MD Somerset/PA | NHR WS FDA | I | 4,450 | Appropriation | None |
| | 783 | Little Creek Watershed Project (PL-566) | Marion/WV | NHR FDA | II | 539 | Appropriation | None |
| | 785 | Paw Paw Creek Watershed Project (PL-566) | Marion, Monongalia, Garrett, Somerset/WV | NHR WS | I | 1,720 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 502/Monongahela

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA/WV | 760 | Shavers Fork Wild & Scenic River Study | Randolph, Tucker/WV | NHR | I | 100 | Appropriation | Appropriation |
| USDA/WV | 739 | Cheat Wild & Scenic River | Preston, | NHR | I | 100 | Appropriation | Appropriation |
| USDI | 824 | Upper Monongahela, Youghiogheny & Casselman River Study | PA Portion of Subregion | WQC | I | 2 | Appropriation | None |
| OTHER STUDIES | | | | | | | | |
| WV | 806 | Develop Recommendations to Improve Land Management Practices for Erosion & Sediment Control | WV | WQC | I | 30 | None | Appropriation |
| ARC | 803 | Study of Water Quality Improvement and Degradation | Monongahela River Basin | WQC | I | 30 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS | | | | | | | | |
| OH | - | Acid Mine Drainage Abatement/Reclamation Program | OH/Subregionwide | WQC | I | $360,000 | Appropriation | Appropriation |
| PA / USDI | 649 | Harmon Creek Dam Site | Washington/PA | NHR | I | 8,200 | Allocation | Appropriation |
| PA | - | Acid Mine Drainage Abatement/Reclamation Program (7 Projects) | PA/Subregionwide | WQC | I | 6,943 | None | None |
| 1/ Army | 9 | Chartiers Creek Local Protection Project | Washington, Allegheny/PA | FDA | I | 29,700 | Appropriation | None |
| Army | 60 | Burnsville Lake | Braxton/WV | FDA WQC NHR | I | 48,600 | Appropriation | None |
| USDA | 18 | Little Shenango River Watershed Project(PL 566) | Crawford, Mercer/PA | FDA NHR | I | 3,681 | Appropriation | None |
| USDA | 19 | Wheeling Creek Watershed Project(PL 566) | Ohio, Marshall/WV Greene, Washington/PA | FDA NHR WS | I | 10,975 | Appropriation | None |
| USDA | 20 | Harmon Creek Watershed Project(PL 566) | Brooke, Hancock/ WV; Washington/ PA | FDA NHR WS | I | 2,104 | Appropriation | None |
| USDA | 21 | Cross Creek Watershed Project(PL 566) | Washington/PA | FDA NHR WS | I | 4,000 | Appropriation | None |
| USDA | 22 | Rush Creek Watershed Project(PL 566) | Fairfield, Hocking, Perry/OH | FDA NHR WS | I | 10,827 | Appropriation | None |
| USDA | 25 | West Fork Duck Creek Watershed Project(PL 566) | Guernsey, Noble/OH | FDA NHR WS | I | 3,858 | Appropriation | None |
| USDA | 27 | Margaret Creek Watershed Project(PL 566) | Athens/OH | FDA NHR WS | I | 2,540 | Appropriation | None |
| USDA | 41 | Pond Run Watershed Project(PL 566) | Wood/WV | FDA NHR WS | I | 1,185 | Appropriation | None |

1/ All Army costs are estimated Federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA | 45 | Mill Creek Watershed Project | Jackson, Roone/ WV | FDA NHR WS | I | $ 7,596 | Appropriation | None |
| USDA | - | Forest Land Treatment | OH,PA,WV/Sub-regionwide | All | I | 157,400 | Appropriation | None |
| USDA | - | PL 46 Land Treatment | OH,PA,WV/Sub-regionwide | All | I | 244,500 | Appropriation | None |
| EPA | - | Municipal Wastewater Treatment: 14 New Facilities, 154 Modifications to Existing Facilities. | OH,PA,WV/Sub-regionwide | WQC | I | 375,000 | Appropriation | Appropriation |
| PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| PA | 54 | Pymatuning State Park Boating Facilities | Crawford/PA | WQ NHR | I | 1,731 | None | Appropriation |
| PA | 75 | Ryerson Station State Park Improvements | Greene/PA | NHR | I | 461 | None | Appropriation |
| PA | - | Racoon Creek, State Park Park Facilities | Beaver/PA | R | I | 3,894 | None | Appropriation |
| PA | - | Pymatuning State Park Day Use Facility | Crawford/PA | R | I | 650 | None | Appropriation |
| PA | - | Moraine State Park | Butler/PA | R | I | 1,144 | None | Appropriation |
| WV | 1360 | Marshall Co. Hunting and Fishing Area | Marshall/WV | NHR | I | N/A | None | Appropriation |
| WV | 1374 | Middle Island Creek Fish and Wildlife Area | Pleasants/WV | NHR | I | N/A | None | Appropriation |
| USDA | 24 | Short Creek Watershed Project (PL 566) | Harrison, Jefferson/OH | FDA | I | 7,361 | Appropriation | None |
| USDA | 564 | Sunfish Creek RC&D Measure | Monroe/OH | FDA NHR WS | I | 4,127 | Appropriation | None |
| ARMY | 827 | New Haven Emergency Bank Protection Project | Mason/WV | FDA | I | 57 | Appropriation | None |
| USDI | 1348 | Muddy Creek Swamp Natural Area | Crawford/PA | NHR | I | N/A | Designation | None |
| USDI | 1349 | Lake Creek Marsh and Swamp Natural Area | Crawford/PA | NHR | I | N/A | Designation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDI | 1350 | Jacob Gray Natural Area | Crawford/PA | NHR | I | N/A | Designation | None |
| USDI | 1351 | Hartstown Bog Natural Area | Crawford/PA | NHR | I | N/A | Designation | None |
| USDI | 1353 | Bethany College Woods Natural Area | Brooke/WV | NHR | I | N/A | Designation | None |
| USDI | 1355 | Watercress Marsh Natural Area | Columbiana/OH | NHR | I | N/A | Designation | None |
| LOCAL | 1101 | Dry Fork Conservation Area | Jefferson/OH | NHR | I | $ 411 | None | None |
| LOCAL | 1347 | Blennerhassett Island | Wood/WV | NHR | I | 514 | None | None |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| PA | 1444 | Bridgeville & Upper St. Clair Township, McLaughlin Run | Allegheny/PA | FDA | I | N/A | None | Appropriation |
| USDA | 49 | Kings Creek Watershed Project (PL 566) | Washington, Beaver/PA Hancock/WV | FDA NHR | I | $ 2,999 | Appropriation | None |
| USDA | 50 | Little Grave Creek Watershed Project (PL 566) | Marshall/WV | FDA | I | 1,053 | Appropriation | None |
| USDA | 51 | Middle Grave Creek Water-shed Project (PL 566) | Marshall/WV | NHR FDA | I | 5,885 | Appropriation | None |
| USDA | 53 | North Fork Hughes River Watershed Project (PL 566) | Ritchie, Doddridge/WV | FDA | I | 8,740 | Appropriation | None |
| USDA | 680 | North Hocking Watershed Project (PL 566) | Fairfield, Hocking/OH | FDA NHR | I | N/A | Appropriation | None |
| USDA | 798 | Federal Valley Watershed Project | Athens, Morgan, Washington/OH | FDA WS | II | 6,865 | Appropriation | None |
| ARMY | 11 | Empire and Stratton Local Protection Project | Jefferson/OH | FDA | II | 875 | Appropriation | None |
| ARMY | 642 | Saw Mill Run Local Pro-tection Project (Pitts - burgh) | Allegheny/PA | FDA | I | 4,750 | Appropriation/ Authorization | None |
| ARMY | 1030 | Logan(OH) Local Pro-tection Project | Hocking/OH | FDA NHR | I | 4,130 | Appropriation/ Authorization | None |
| ARMY | 1031 | Nelsonville(OH) Local Protection Project | Athens/OH | FDA NHR | I | 4,190 | Appropriation/ Authorization | None |
| FERC | 1476 | Conoco Coal Gasification Plant | Noble/OH | P | I | N/A | Appropriation/ Authorization | None |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| OH | 1105 | Little Muskingum State Scenic River | Washington, Monroe/OH | NHR | I | N/A | None | Designation, Regulation |
| OH | 1413 | Dunbar Natural Area | Washington/OH | NHR | II | N/A | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| PA | 647 | Coraopolis Access Area, Ohio River | Allegheny/PA | NHR | I | $ 140 | None | Appropriation |
| PA | 648 | Little Beaver Creek Access Area | Beaver/PA | NHR | I | 115 | None | Appropriation |
| PA | 650 | Stadium Access Area, Ohio River (Pittsburgh) | Allegheny/PA | NHR | I | 200 | None | Appropriation |
| WV | 1362 | Fish Creek Embayment | Marshall/WV | NHR | I | N/A | None | Regulation |
| WV | 1363 | Doolin Run Embayment | Wetzel/WV | NHR | I | N/A | None | Regulation |
| WV | 1366 | Witten Towhead Embayment | Tyler/WV | NHR | I | N/A | None | Regulation |
| WV | 1367 | Crab Island Embayment | Tyler/WV | NHR | I | N/A | None | Regulation |
| WV | 1371 | Bens Run Embayment | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1374 | Middle Island Cr. Embay. | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1375 | French Creek Embayment | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1376 | Middle Brothers Creek Embayment | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1379 | Cow Creek Embayment | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1380 | Calf Creek Embayment | Pleasants/WV | NHR | I | N/A | None | Regulation |
| WV | 1381 | Bull Creek Embayment | Pleasants,Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1382 | Carpenter's Run Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1387 | Little Kanawha River Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1388 | Worthington Creek Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1389 | Neal Run Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1390 | Rapps Run Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1392 | Little Sandy Creek Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1395 | Lee Creek Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1397 | Pond Creek Embayment | Wood/WV | NHR | I | N/A | None | Regulation |
| WV | 1398 | Washington Run Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |
| WV | 1399 | Little Sandy Cr. Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |
| WV | 1401 | Turkey Run Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |
| WV | 1402 | Sandy Creek Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |
| WV | 1403 | Mill Creek Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| WV | 1404 | Little Mill Cr. Embayment | Jackson/WV | NHR | I | N/A | None | Regulation |
| WV | 1405 | Tombleson Run Embayment | Mason/WV | NHR | I | N/A | None | Regulation |
| USDA | 46 | Upper Fish Cr. Watershed Project(PL 566) | Wetzel/WV | FDA WS NHR | II | 1,619 | Appropriation | None |
| USDA | 48 | Cedar Cr. Watershed Project(PL 566) | Gilmer, Braxton/ WV | FDA | II | N/A | Appropriation | None |
| USDA | 52 | Middle Run Watershed | Marshall | FDA NHR | II | N/A | Appropriation | None |
| USDA | 1066 | Upper Middle Island Creek Watershed Project(PL 566) | Doddridge/WV | FDA NHR | II | 8,570 | Appropriation | None |
| USDA | 1067 | Walker Cr. Watershed Project(PL 566) | Wood/WV | FDA | I | 1,805 | Appropriation | None |
| USDA | 1068 | Skull Hollow Watershed Project(PL 566) | Brooke/WV | FDA | I | 231 | Appropriation | None |
| USDA | 1069 | Boggs Run Watershed Project(PL 566) | Marshall/WV | FDA | I | 719 | Appropriation | None |
| USDA | 1077 | McElroy Creek Watershed | Doddridge/WV | FDA | II | N/A | Appropriation | None |
| Local | 1272 | Jackson Memorial Park | Wood/WV | NHR | I | 787 | None | None |
| Local | 1273 | City Park and Southwood Park | Wood/WV | NHR | I | 1,152 | None | None |
| Local | 1311 | Pennsboro Park | Ritchie/WV | NHR | I | 2,742 | None | None |
| Local | 1312 | Woodyard Park | Wirt/WV | NHR | I | 1,862 | None | None |
| Local | 1313 | Camp Barbe Park | Wirt/WV | NHR | I | 271 | None | None |
| Local | 1314 | Mountwood Park | Wood/WV | NHR | I | 11,534 | None | None |
| Local | 1332 | Greenbriar Park | Hancock/WV | NHR | I | 218 | None | None |
| Local | 1333 | Tomlinson Run White Oak Run Natural Area | Hancock/WV | NHR | I | 360 | None | None |
| Local | 1334 | Cross Creek Linear Park | Brooke/WV | NHR | I | 1,074 | None | None |
| Local | 1335 | Castleman's Run Natural Area | Brooke/WV | NHR | I | 40 | None | None |
| Local | 1336 | Brooke Hills Park | Brooke/WV | NHR | I | 1,469 | None | None |
| Local | 1337 | Jackson County Park | Jackson/WV | NHR | I | 1,128 | None | None |
| Local | 1338 | Jackson County Park (Elk Fork) | Jackson/WV | NHR | I | 3,203 | None | None |
| Local | 1339 | Pleasant County Park | Pleasant/WV | NHR | I | 731 | None | None |
| Local | 1340 | Rollins Lake | Jackson/WV | NHR | I | 384 | None | None |
| Local | 1346 | John F. Kennedy Public Park | Hancock/WV | NHR | I | 1,047 | None | None |
| ? | 1410 | Powhattan Point Access | Belmont/OH | NHR | I | N/A | None | None |
| ? | 1411 | Hannibal-Duffy Access | Monroe/OH | NHR | I | N/A | None | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| PA | - | Pennsylvania State Water Plan | PA, Subregion-wide | All | I | 100 | None | Appropriation |
| PA | - | City of Butler, Sullivan Run Flood Protection Project | Butler/PA | FDA | I | N/A | None | Appropriation |
| ARMY | - | Central Ohio Study | OH, Subregion-wide | All | I | 2,538 | Appropriation | None |
| EPA/ OH | - | Central Ohio River and Tribs. Basin Water Quality Management Plan(Sec. 208/ 303(e), PL 92-500) | Belmont, Columbia Harrison, Jeffer-son, Noble, Monroe and Washington/OH | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ OH | - | Little Beaver River Water Quality Management Plan (Sec. 208/313(e), PL 92-500) | Columbiana, Mahoning/OH | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ OH | - | Mahoning River Basin Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | Mahoning, Portage Stark, Trumbull/ OH | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ OH | - | Southeast Ohio River and Tribs. Water Quality Management Plan (Sec. 208/ 303(e), PL 92-500) | Gallia, Meigs/OH | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ OH | - | Youngstown Water Quality Areawide Planning Study (Sec. 208/303(e), PL 92-500) | Trumbull, Mahoning/OH | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ WV | - | Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | WV,Subregionwide | WQC | I | N/A | Appropriation | Appropriation |
| USDI | - | Effects of Channeli-zation on Warm Water Fishes - Hocking River | Athens/OH | WQC NHR | I | 10 | Appropriation | Appropriation |
| **OTHER STUDIES** | | | | | | | | |
| HUD | - | 276 Flood Insurance Studies | OH,PA,WV/Sub-regionwide | FDA | I | N/A | Appropriation | None |
| HUD | - | All remaining flood insurance studies | OH,PA,WV/Sub-regionwide | FDA | II | N/A | Appropriation | None |
| NRC/ Pri-vate | 749 | Beaver Valley - Unit 2 | Beaver/PA | P | I | N/A | Licensing | None |

# PRIORITIES

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|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| FERC/ Army/ Pri-vate | - | Installation of a Hydroelectric Facility at: | | | | | | |
| " | 71 | Racine Dam | Meigs/OH Mason/WV | P | I | N/A | None | None |
| OH | 1420 | Clear Creek W/S River | Fairfield/OH | NHR | II | N/A | None | Designation, Regulation |
| OH | 1421 | Little Hocking W/S River | Washington/OH | NHR | II | N/A | None | Designation, Regulation |
| OH | 1422 | Sunfish Creek W/S River | Monroe/OH | NHR | II | N/A | None | Designation, Regulation |
| OH | 1423 | Oppossum Cr. W/S River | Monroe/OH | NHR | II | N/A | None | Designation, Regulation |
| OH | 1424 | Shade River W/S River | Meigs/OH | NHR | II | N/A | None | Designation, Regulation |
| PA | 1139 | Slippery Rock Cr. Scenic River Candidate | Butler, Lawrence/PA | NHR | I | N/A | None | Designation, Regulation |
| PA | 1140 | Wolf Cr. Scenic River Candidate | Butler, Mercer/PA | NHR | I | N/A | None | Designation, Regulation |
| WV | 159 | Tomlinson Run State Park Natural Area | Hancock/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1090 | Hungry Beach Preserve Natural Area | Roane/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1091 | Murphy Preserve Natural Area | Ritchie/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1092 | Raven's Rock Natural Area | Ritchie/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1093 | Ritchie Mine Natural Area | Ritchie/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1094 | Toadstool Rock Natural Area | Roane/WV | NHR | I | N/A | None | Appropriation, Regulation |

# PRIORITIES

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| WV | 1095 | Devil's Tea Table Natural Area | Wirt/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1096 | Natural Bridge Natural Area | Roane/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1097 | Smithville Red Cedar Natural Area | Ritchie/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1104 | Casto Hole Natural Area | Jackson/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1106 | The Jug Natural Area | Tyler/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1107 | Ravenswood Natural Area | Jackson/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1364 | Paden Island | Wetzel/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1365 | Williamson Island | Tyler/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1368 | Wells Island | Tyler/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1369 | Mill Creek Island | Tyler/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1370 | Grandview Island | Tyler/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1372 | Grape Island | Pleasants/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1373 | Middle Island | Pleasants/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1377 | Little Brothers Island | Pleasants/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1383 | Marietta Island | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1384 | Muskingum Island and Towhead | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1385 | Vienna Island | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1386 | Neal Island | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| WV | 1393 | Newberry Island | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1394 | Mustapha Island | Wood/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1400 | Buffington Island | Jackson/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1406 | Letart Island | Mason/WV | NHR | I | N/A | None | Appropriation, Regulation |
| WV | 1418 | Middle Island Creek Scenic River | Doddridge, Tyler, Pleasants/WV | NHR | I | N/A | None | Designation, Regulation |
| WV | 1419 | Little Kanawha Scenic River | Wood, Wirt, Calhoun, Gilmer, Braxton | NHR | I | N/A | None | Designation, Regulation |
| ARMY | - | Southeast Ohio | OH, Subregion-wide | All | I | 700 | Appropriation | None |
| Army | 9 | Chartiers Cr. Local Protection Project (Below existing project) | Allegheny/PA | FDA | I | 300 | Appropriation | None |
| Army | 818 | Beaver - Mahoning Rivers Canalization | Mahoning, Trumbull, Ashtabula, Lake/OH; Allegheny, Beaver, Lawrence/PA | T | II | 650 | Appropriation | None |
| PROGRAM OF REVIEW FOR DEAUTHORIZATION: | | | | | | | | |
| Army | 1032 | Marietta Local Protection Project | Washington/OH | FDA | I | N/A | Appropriation | None |
| Army | 1036 | Ravenswood Local Protection Project | Jackson/WV | FDA | I | N/A | Appropriation | None |
| Army | 1044 | Oakdale Local Protection Project | Allegheny/PA | FDA | I | N/A | Appropriation | None |
| Army | 1046 | Proctor Local Protection Project | Wetzel/WV | FDA | I | N/A | Appropriation | None |
| Army | 1047 | Warwood Local Protection Project | Ohio/WV | FDA | I | N/A | Appropriation | None |
| Army | 1048 | Wheeling-Benwood Local Protection Project | Marshall/WV | FDA | I | N/A | Appropriation | None |
| Army | 1051 | Woodlands Local Protection Project | Marshall/WV | FDA | I | N/A | Appropriation | None |
| Private | 1053 | Project 1301(New Haven) | Mason/WV | P | I | N/A | Licensing | None |
| Private | 1426 | Optional Site for Potential Power Plant @ MP 195 | Meigs/OH | P | I | N/A | Licensing | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| Private | 1427 | Optional Site for Potential Power Plant @ MP 225 | Washington/OH | P | I | N/A | Licensing | None |
| FERC/ Army/ Private | | - Installation of Hydroelectric Facilities at Seven Ohio River Dams | | | | | | |
| " | 63 | Emsworth Dam | Allegheny/PA | P | I | N/A | Licensing | None |
| " | 65 | Montgomery Dam | Beaver/PA | P | I | N/A | Licensing | None |
| " | 66 | New Cumberland Dam | Jefferson/OH Hancock/OH | P | I | N/A | Licensing | None |
| " | 67 | Pike Island Dam | Belmont/OH Ohio/WV | P | I | N/A | Licensing | None |
| " | 68 | Hannibal Dam | Monroe/OH Wetzel/WV | P | I | N/A | Licensing | None |
| " | 69 | Willow Island Dam | Washington/OH Pleasants/WV | P | I | N/A | Licensing | None |
| " | 70 | Belleville Dam | Meigs/OH Wood/WV | P | I | N/A | Licensing | None |
| PA | | 14 Candidate Scenic Rivers from the Pennsylvania Scenic Rivers Inventory. It needs to be determined which of these streams merit further study for consideration as scenic rivers. | | | | | | |
| PA | 815 | North Fork Little Beaver Creek Scenic River Candidate | Beaver/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1138 | Connoquenessing Cr. Scenic River Candidate | Lawrence, Butler, Beaver/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1141 | Neshannock Cr. Scenic River Candidate | Lawrence/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1142 | Hickory Run Scenic River Candidate | Lawrence/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1143 | Buffalo Creek Scenic River Candidate | Washington/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1144 | Dunkard Fork Wheeling Cr. Scenic River Candidate | Green/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1145 | Dutch Fork Scenic River Candidate | Washington/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1146 | Enlow Fork Scenic River Candidate | Washington/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1147 | Aunt Clara Fork-Kings Cr. Scenic River Candidate | Washington/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1148 | Little Sewickley Cr. Scenic River Candidate | Allegheny/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1185 | Raccoon Cr. Scenic River Candidate | Beaver/PA | NHR | I | N/A | None | Designation/ Regulation |
| PA | 1186 | Ohio River Scenic River Candidate | Allegheny, Beaver/PA | NHR | I | N/A | None | Designation/ Regulation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979

SUBREGION: 503, Upper Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| OR-SANCO | - | Organics Monitoring Program | IL,IN,KY,OH,PA,WV | WQC | I | $700(1st 2 years) | Appropriation | None |
| " | - | Cyanide, Lead and Mercury Study | OH,PA,WV | WQC | I | N/A | Appropriation | None |
| " | - | Ohio River Small Tributary Non-Point Source Model Study | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |
| " | - | Identification of Causes of High Fecal Coliform Levels | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |
| " | - | Ohio River Aquatic Life Study(includes neoplasms, PCB's, etc.) | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |
| USDI | - | Biological Survey Ohio River Islands | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| USDI | - | Fish and Wildlife Instream Flow Needs, Ohio River Tributaries | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| USDI | - | Ohio River Mussel Beds | IL,IN,KY,OH,PA,WV | NHR | I | $300 | Appropriation | None |
| USDI | - | Ohio River In-Water Disposal of Dredge Spoil Materials | IL,IN,KY,OH,PA,WV | NHR WQC | I | N/A | Appropriation | None |
| USDI | - | Ohio River Embayments Fish and Wildlife Utilization | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| LOCAL | 1120 | Land For A Park in Sharon | Mercer/PA | NHR | I | N/A | None | None |
| ? | | 48 Natural Areas inventoried by the Western Pennsylvania Conservancy. It needs to be determined which of these merit further study for consideration as natural areas. | | | | | | |
| ? | 73 | Raccoon Cr. St. Park | Beaver/PA | NHR | I | N/A | None | None |
| ? | 74 | Moraine St. Park | Butler/PA | NHR | I | N/A | None | None |
| ? | 85 | Glade Run lake | Butler/PA | NHR | I | N/A | None | None |
| ? | 490 | Great Blue Heron Rookery | Mercer/PA | NHR | I | N/A | None | None |
| ? | 879 | Halfmoon Swamp | Mercer/PA | NHR | I | N/A | None | None |
| ? | 881 | Otter Creek Swamp | Mercer/PA | NHR | I | N/A | None | None |
| ? | 882 | Mercer Bog | Mercer/PA | NHR | I | N/A | None | None |
| ? | 883 | Schallards Run | Mercer/PA | NHR | I | N/A | None | None |
| ? | 884 | Blacktown Swamp | Mercer/PA | NHR | I | N/A | None | None |
| ? | 885 | Swamp Root | Mercer/PA | NHR | I | N/A | None | None |
| ? | 887 | McClure Tract | Mercer/PA | NHR | I | N/A | None | None |
| ? | 888 | Springfield Falls | Mercer/PA | NHR | I | N/A | None | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979 SUBREGION:

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| ? | 1084 | Homewood Falls | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1115 | Muddy Creek Falls | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1116 | LeRoy Furnance | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1117 | Land Above Dam on Wolf Creek | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1118 | Pardoe Sportsmen Assoc. Land | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1119 | Abandoned Gravel Quarry | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1277 | Rock Point | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1278 | Locke Woods | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1279 | Plain Grove Bog | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1284 | Gardner Swamp | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1285 | Kennedy Mills | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1286 | Gentain Fen East | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1287 | Quakertown Falls | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1288 | Wampum Fossil Sites | Lawrence/PA | NHR | I | N/A | None | None |
| ? | 1290 | Blazing Star Meadow | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1295 | Deshon Woods | Butler/PA | NHR | I | N/A | None | None |
| ? | 1296 | Epworth Woods | Butler/PA | NHR | I | N/A | None | None |
| ? | 1299 | Ring Swamp | Butler/PA | NHR | I | N/A | None | None |
| ? | 1302 | Allison Woods | Butler/PA | NHR | I | N/A | None | None |
| ? | 1303 | Scholar's Run | Butler/PA | NHR | I | N/A | None | None |
| ? | 1304 | Washington Water Reservoir | Washington/PA | NHR | I | N/A | None | None |
| ? | 1305 | Beaver Run Swamp | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1307 | Grove City Swamp | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1308 | Grove City Fossil Site | Mercer/PA | NHR | I | N/A | None | None |
| ? | 1309 | McCormich Gorge | Butler/PA | NHR | I | N/A | None | None |
| ? | 1310 | Renfrew Woods | Butler/PA | NHR | I | N/A | None | None |
| ? | 1321 | Tom's Run | Allegheny/PA | NHR | I | N/A | None | None |
| ? | 1324 | Laboratory Fossil Site | Washington/PA | NHR | I | N/A | None | None |
| ? | 1325 | Meadowcraft Ledge | Washington/PA | NHR | I | N/A | None | None |
| ? | 1327 | Reardon Run Orchid Site | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1328 | Service Creek Reservoir | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1329 | Aliquippa Fossil Site | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1330 | Thorn Run | Allegheny/PA | NHR | I | N/A | None | None |
| ? | 1331 | Enlow Fork of Wheeling Creek | Washington/PA | NHR | I | N/A | None | None |
| ? | 1343 | Georgetown Island | Beaver/PA | NHR | I | N/A | None | None |
| ? | 1345 | Ohioview Peninsula | Beaver/PA | NHR | I | N/A | None | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 504/Muskingum

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS | | | | | | | | |
| OH | - | Acid Mine Drainage/ Reclamation Program | Muskingum River Basin/OH | WQC | I | N/A | Appropriation | Appropriation |
| USDA/ SCS | 20 | Chippewa Creek Water-shed Project (PL 566) | Medina, Wayne, Summit/OH | FDA | I | (1) 3,647 | Appropriation | None |
| - PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN - | | | | | | | | |
| 1/ ARMY | 3 | Newark Local Protection Project | Licking/OH | FDA | I | 4,660 | Appropriation | None |
| USDA/ SCS | 21 | Buffalo Creek Watershed Project (PL 566) | Guernsey, Noble/OH | FDA WS | I | (2) 1,307 | Appropriation | None |
| - PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN - | | | | | | | | |
| ARMY | 328 | Mansfield Local Protection Project | Richland/OH | FDA | I | 2,060 | Authorization, Appropriation | None |
| ARMY | 385 | Killbuck Local Protection Project | Holmes/OH | FDA | I | 4,100 | Authorization, Appropriation | None |

(1) As built and 1971 prices.

(2) 1964 prices.

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 504-Muskingum

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| | | **ONGOING STUDIES** | | | | | | |
| USDA/ SCS | 314 | South Fork Licking River Watershed Project (PL 566) | Fairfield, Licking, Perry/OH | FDA NHR | I | $9,702 | Appropriation | None |
| ARMY | - | Muskingum River Basin Study | Entire Muskingum River Basin/OH | All | I | 1,395 | Appropriation | None |
| EPA/ OH | - | Cleveland Areawide Water Quality Management Plan (Sect. 208/303(e), PL 92-500) | Medina/OH | WQC | I | NA | Appropriation | Appropriation |
| | - | Muskingum River Basin Water Quality Management Plan (Sect. 208/ 303(e), PL 92-500) | Muskingum River Basin/OH | WQC | I | NA | Appropriation | Appropriation |
| | - | Northeast Ohio Four County Areawide Water Quality Management Plan (Sect. 208/303(e), PL 92-500) | Stark, Summit, Wayne/OH | WQC | I | NA | Appropriation | Appropriation |
| ORBC | - | Muskingum River Basin Comprehensive Coordinated Joint Plan - Phase II Analysis | Muskingum River Basin/OH | All | I | 84 | Appropriation | Appropriation |
| | | **OTHER STUDIES** | | | | | | |
| USDA/ SCS | 315 | Lower Killbuck Creek Watershed Project (PL 566) | Coshocton, Holmes/OH | FDA | II | NA | Appropriation | None |
| | 316 | Newman Creek Watershed Project (PL 566) | Stark, Wayne/OH | FDA | II | NA | Appropriation | None |
| | 317 | Upper Killbuck Watershed Project (PL 566) | Holmes, Medina, Wayne/OH | FDA | II | NA | Appropriation | None |
| USDI/ FWS | - | Seneca National Fish Hatchery | Guernsey/OH | NHR | I | 86/yr. | Appropriation | None |
| | - | Hebron National Fish Hatchery | Licking/OH | NHR | I | 67/yr. | Appropriation | None |
| | - | Effects of $H_2S$ on Reproduction of Fish in Acid Mine Waters | Guernsey/OH | NHR WQC | I | 29 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 505 - Kanawha

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| NC/ USDI | 481 | South Fork of the New River National Wild and Scenic River | Allegheny, Ashe/NC | NHR | I | $4,500 | None | Appropriation |
| WV/ USDI, HCRS | 233 | Plum Orchard State Park | Fayette/WV | NHR | I | 55 | None | Appropriation |
| WV/ USDI, HCRS | 242 | Hawk's Nest State Park | Fayette/WV | NHR | I | NA | None | Appropriation |
| WV/ USDI HCRS | 530 | Little Beaver State Park | Raleigh/WV | NHR | I | 750 | None | Appropriation |
| 1/ Army | 261 | Coal River Basin Channel Rehabilitation Project | Coal River, Big Coal River, Little Coal River, Marsh Fork, Pond Fork, Spruce Fork/ WV | FDA | I | 3,600 | Appropriation | None |
| USDA/ SCS | 16 | Brush Creek Watershed Project (PL 566) | Mercer/WV | FDA NHR WS | I | 5,946.85 | Appropriation | None |
| USDA/ SCS | 19 | Big Ditch Run Water-shed Project (PL 566) | Webster/WV | FDA NHR | I | 900.46 | Appropriation | None |
| USDA/ SCS | 36 | Pocatalico River Watershed Project (PL 566) | Jackson, Kanawha, Roane, Putnam/WV | FDA NHR | I | $3,642.3 | Appropriation | None |
| USDA/ SCS | 412 | Dunloup Creek Watershed Project (PL 566) | Fayette, Raleigh/WV | FDA | I | 2,701.5 | Appropriation | None |
| USDA/ SCS | 413 | Elk-Twomile Run Water-shed Project (PL 566) | Kanawha/WV | FDA | I | 3,045.7 | Appropriation | None |
| USDA SCS | 414 | Kanawha Twomile Run Project (PL 566) | Kanawha/WV | FDA | II | 1,896.5 | Appropriation | None |
| USDI/ FWS | 9 | Winfield Lock and Dam Recreation Facilities | WV | NHR | I | 2.1 | Appropriation | None |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| WV/ USDI | 225 | Watoga State Park | Pocahontas WV | NHR | I | 700 | Appropriation | Appropriation |
| WV/ USDI | 235 | Cass Scenic Railroad State Park | Pocahontas WV | NHR | I | NA | Appropriation | Appropriation |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 505-Kanawha

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| ARMY | | Cabin Creek Demonstration Reclamation Project | WV | | I | $22,300 | Authorization, Appropriation | None |
| USDA/ SCS | 27 | Howards Creek Watershed Project (PL 566) | Greenbrier/WV | FDA NHR | I | 16,214 | Appropriation | None |
| | 28 | Piney Creek Watershed Project (PL 566) | Raleigh/WV | FDA | I | NA | Appropriation | None |
| | | Soak Creek Portion Only | Raleigh/WV | FDA | I | 4,045.1 | Appropriation | None |
| | 29 | Quick (Slack Branch) Watershed Project (PL 566) | Kanawha/WV | FDA NHR | II | 1,289 | Appropriation | None |
| | 31 | Meadow Creek Watershed Project (PL 566) | Fayette, Summers/WV | FDA WS | I | 1,200 | Appropriation | None |
| | 35 | Upper Meadow River Watershed Project (PL 566) | Greenbrier/WV | FDA | II | 12,592 | Appropriation | None |
| NC | | Mt. Jefferson State Park (Expanded) | Ashe/NC | NHR | I | NA | None | Appropriation |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| USDA/ SCS | 259 | Arbuckle Creek Watershed Project (PL 566) | Fayette/WV | FDA | II | NA | Appropriation | None |
| NC | | Rich Mt. Natural Area | Watauga/NC | NHR | I | NA | None | Designation |
| | | Longhope Creek Valley Peak Natural Area | Watauga/NC | NHR | I | NA | None | Designation |
| | | Bluff Mt. Natural Area | Ashe/NC | NHR | I | NA | None | Designation |
| | | Helton Creek Natural Area | Ashe/NC | NHR | I | NA | None | Designation |
| | | Elk Creek Natural Area | Alleghany/NC | NHR | I | NA | None | Designation |
| | | S. Fork New River Water Trail | Ashe, Watauga/NC | NHR | I | NA | None | Designation |
| | | N. Fork River Water Trail | Ashe/NC | NHR | I | NA | None | Designation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 505 - Kanawha

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| | | **ONGOING STUDIES** | | | | | | |
| NC/ EPA | | Water Quality Management Plan (Section 208/303(e), Pl 92-500) | NC | WQC | I | NA | Appropriation | Appropriation |
| VA/ EPA | | Water Quality Management Plan (Section 208/303(e), Pl 92-500) | VA | WQC | I | NA | Appropriation | Appropriation |
| WV/ EPA | | Water Quality Management Plan (Section 208/303(e), Pl 92-500) | WV | WQC | I | NA | Appropriation | Appropriation |
| WV/ EPA | | Charleston Water Quality Area-wide Planning Study (Section 208, PL 92-500) | Boone, Clay, Kanawha, Putnam/WV | WQC | I | NA | Appropriation | Appropriation |
| Army | | Kanawha Basin Comprehensive Study | WV, VA | All | I | 1,876 | Appropriation | None |
| ORBC | | Kanawha River Basin CCJP | Subregion-wide | ALL | I | 65 | Appropriation | Appropriation |
| USDA/ SCS | | Flood Hazard Study | Ashe/NC | FDA | I | 125.1 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 506 - Scioto

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS | | | | | | | | |
| 1/ ARMY | 5 | Alum Creek Lake | Delaware/OH | FDA NHR WS | I | $ 54,600 | Appropriation | None |
| | 10 | Chillicothe Local Protection Project (Scioto River) | Ross/OH | FDA | I | 14,200 | Appropriation | None |
| | 266 | Salt Creek, Laurelville | Hocking, Pickaway/OH | FDA | I | 224 | Appropriation | None |
| PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| USDA/ SCS | 261 | Rattlesnake Creek Watershed Project (PL-566) | Clinton, Greene, Madison, Fayette, Highland/OH | FDA NHR | I | 3,660 | Appropriation | None |
| PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| USDA/ SCS | 263 | Little Salt Creek Watershed Project (PL-566) | Jackson, Pike, Vinton, Ross/OH | FDA WS NHR | I | 3,628 | Appropriation | None |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| ARMY | | Chillicothe and Vicinity Local Protection Project (Paint Creek) | Ross/OH | FDA, NHR | I | 150 | Appropriation | None |
| | | Blacklick Creek, Reynoldsburg, OH | Franklin/OH | FDA | I | NA | Appropriation | None |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 506 - Scioto

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| Ohio/ EPA | - | Water Quality Management Plan (Section 208/303(e)) | Ohio Portion | WQC | I | NA | Appropriation | Appropriation |
| ORBC | - | Scioto River Basin CCJP | Subregion-wide | All | I | 60 | Appropriation | Appropriation |
| USDA/ SCS | - | Central Ohio USDA Cooperative River Basin Study | Scioto, Hocking/OH | FDA, WS, WQC, NHR | I | 969 | Appropriation | None |
| USDI/ FWS | - | Effect of Channelization on Warm Water Fishes (Olentangy River) | Delaware, Franklin/OH | NHR | I | 12 | Appropriation | None |
| **OTHER STUDIES** | | | | | | | | |
| USDA/ SCS | 260 | Upper Salt Creek Watershed Project (PL-566) | Fairfield, Ross, Hocking, Pickaway/OH | FDA NHR | II | NA | Appropriation | None |
| USDA/ SCS | 262 | North Fork Paint Creek Watershed Project (PL-566) | Madison, Fayette/OH | FDA NHR | II | NA | Appropriation | None |
| USDA/ SCS | 342 | Little Scioto River Watershed Project (PL-566) | Marion, Crawford/OH | FDA | II | NA | Appropriation | None |
| USDA/ SCS | 344 | Upper Scioto River Watershed Project (PL-566) | Logan,Union, Marion, Hardin, Auglaize/OH | FDA | II | NA | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 507 - Big Sandy/Guyandotte

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| WV | 15 | Panther State Forest (Improvement) | McDowell/WV | NHR | I | $ 625 | None | Appropriation |
| USDA/ SCS | 78 | Mate Creek Watershed Project (PL 566) | Mingo/WV | FDA NHR | I | 6,160 | Appropriation | None |
| 1/ARMY | 79 | Martin Local Protection Project | Floyd/KY | FDA | I | 7,180 | Appropriation | 2/ |
| | 67 | Paintsville Lake | Johnson, Morgan/ KY | FDA NHR WQC | I | 45,000 | Appropriation | None |
| | 1 | R. D. Bailey Lake | Wyoming/WV | FDA NHR WQC | I | 177,000 | Appropriation | None |
| USDI/ WV | 147 | Twin Falls State Park | Wyoming/WV | NHR | I | 425 | Appropriation | Appropriation |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| | | | None | | | | | |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| ARMY | 172 | Oceana Local Protection Project 3/ | Wyoming/WV | FDA NHR | I | $ 3,500 | Appropriation | None |
| | 174 | Laurel Fork, Matheny, Local Protection Project | Wyoming/WV | FDA | I | 460 | Appropriation | None |
| USDA/ | 108 | Oceana Watershed Project (PL 566) | Wyoming/WV | FDA | II | 1,400 | Appropriation | None |
| | 135 | Upper Mud River Watershed Project (PL 566) | Boone, Lincoln/ WV | FDA NHR | I | 7,014 | Appropriation | None |
| | 109 | Rockcastle Creek Water-shed Project (PL 566) | Wyoming/WV | FDA | II | 1,732 | Appropriation | None |
| | 107 | Mullens Watershed Project (PL 566) | Raleigh, Wyoming/WV | FDA | II | 5,200 | Appropriation | None |

1/ All Army costs are estimated federal cost based on October 1978 price levels.
2/ Detailed planning complete; construction start contingent upon local cooperation.
3/ Advance engineering and design (Detailed Planning) is underway.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 507 - Big Sandy/Guyandotte

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| ARMY | 58 | Dewey Lake (Section 216 Study) | Floyd, Pike/KY | FDA NHR | I | 150 | Appropriation | None |
| USDA/ SCS | 106 | Lower Mud River Watershed Project (PL 566) | Cabell/WV | FDA WS | I | NA | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 507 - Big Sandy/Guyandotte

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **ONGOING STUDIES** | | | | | | | | |
| ARMY | - | Guyandotte River Basin Study, Vicinity of Logan and Mullens | Logan, McDowell/ WV | FDA NHR | I | $ 435 | Appropriation | None |
| EPA/ KY | - | Water Quality Management Plan (Section 208/303(e), PL 92-500) | KY Portion | WQC | I | NA | Appropriation | Appropriation |
| EPA/ VA | - | Water Quality Management Plan (Section 208/303(e), PL 92-500) | VA Portion | WQC | I | NA | Appropriation | Appropriation |
| EPA/ VA | - | Southwest Water Quality Areawide Planning Study (Section 208, PL 92-500) | Lee, Scott, Wise, Dickinson, Russell, Buchanan, Tazewell/VA | WQC | I | NA | Appropriation | Appropriation |
| EPA/ WV | - | Water Quality Management Plan (Section 208/303(e), PL 92-500) | WV Portion | WQC | I | NA | Appropriation | Appropriation |
| ORBC | - | Big Sandy/Guyandotte River Basins Level B Study | Subregionwide | All | I | 1,000 | Appropriation | Appropriation |
| ARMY | - | Big Sandy River Navigation Study, KY, WV, VA | KY, VA, WV | T | I | 2,165 | Appropriation | None |
| **OTHER STUDIES** | | | | | | | | |
| | - | Levisa Fork, Big Sandy River Study | KY, WV | All | I | NA | Appropriation | None |
| | - | Tug Fork Valley, Big Sandy River Basin Study | KY, VA, WV | FDA | I | NA | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 508 - Great Miami

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| NONE | | | | | | | | |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| IN | | Manlove Woods Natural Area | Fayette/IN | NHR | II | N/A | None | Authorization Appropriation |
| IN | | West Fork Whitewater River Natural Scenic and Recreational River System (Study) | Franklin/IN | NHR | I | N/A | None | Authorization Appropriation |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| 1/ ARMY | 272 | Amanda Station Local Protection Project | Butler/OH | FDA | I | $1,800 | Appropriation | None |
| | 273 | Carlisle Local Protection Project | Warren/OH | FDA | I | 552 | Appropriation | None |
| | 274 | Ross Local Protection Project | Butler, OH | FDA | I | 2,140 | Appropriation | None |
| | 368 | Franklin Local Protection Project | Warren/OH | FDA | I | 1,060 | Appropriation | None |
| | 369 | Franklin Local Protection Project (Clear Creek | Warren/OH | FDA | I | 2,260 | Appropriation | None |
| | 370 | Shiloh Local Protection Project | Montgomery/OH | FDA | I | 1,030 | Appropriation | None |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| NONE | | | | | | | | |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 508 - Great Miami

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| IN/ EPA | - | Region 9 Water Quality Management Plan (Section 208/303(e) PL 92-500) | Fayette, Union, Rush, Franklin, Wayne/IN | WQC | I | NA | Appropriation | Appropriation |
| IN. OH/ EPA | - | Cincinnati Water Quality Area-wide Planning Study (Section 208/303(e) PL 92-500) | Butler, Warren, Hamilton/OH Ohio,Dearborn/IN | WQC | I | NA | Appropriation | Appropriation |
| OH/ EPA | - | Great Miami River Basin Water Quality Management Plan (Section 208/ 303(e) PL 92-500) | Ohio Portion | WQC | I | NA | Appropriation | Appropriation |
| OH/ EPA | - | Dayton Water Quality Area-wide Planning Study (Section 208/303(e) PL 92-500) | Darke, Greene Miami, Montgomery/OH | WQC | I | NA | Appropriation | Appropriation |
| Army | - | Miami River, Little Miami River, Mill Creek Basin Studies | Basinwide | All | I | $1,950 | Appropriation | None |
| ORBC | - | Great Miami River Basin CCMP | Subregion-wide | All | I | 60 | Appropriation | Appropriation |
| **OTHER STUDIES** | | | | | | | | |
| USDA/ SCS | 316 | Muddy Creek - Glady Creek Watershed Project (PL-566) | Champaign, Logan/OH | FDA | I | NA | Appropriation | None |
| | 317 | Tawawa Creek Watershed Project (PL-566) | Champaign, Miami, Shelby/OH | FDA | II | NA | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS | | | | | | | | |
| OH | - | Acid Mine Drainage Abatement/Reclamation Program | OH/Subregionwide | WQC | I | $ 72,000 | Appropriation | Appropriation |
| USDA | - | Forest Land Treatment and PL 46 Land Treatment | IN,KY,OH,WV/ Subregionwide | All | I | 167,200 | Appropriation | None |
| EPA | - | Municipal Wastewater Treatment: 4 New Facilities, 64 Modifications to Existing Facilities | IN,KY,OH,WV/ Subregionwide | WQC | I | 257,000 | Appropriation | Appropriation |
| 1/ ARMY | 2 | Mill Creek Local Protection Project | Hamilton/OH | FDA NHR | I | 115,000 | Appropriation | None |
| | 3 | Caesar Creek Lake | Warren/OH | FDA NHR WS WQC | I | 57,900 | Appropriation | None |
| | 4 | East Fork Lake | Clermont/OH | FDA NHR WS WQC | I | 49,100 | Appropriation | None |
| | 8 | Beech Fork Lake | Cabell, Wayne/ WV | FDA NHR | I | 37,500 | Appropriation | None |
| | 9 | East Lynn Lake | Wayne/WV | FDA NHR | I | 34,800 | Appropriation | None |
| | 268 | Kehoe Lake | Greenup, Carter/ KY | FDA NHR | I | 38,000 | Appropriation | Execute Sec. 221 Contract |
| | 509 | Dayton Local Protection Project | Campbell/KY | FDA | I | 10,100 | Appropriation | Allocation |
| PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| IN | 627 | Lemon Woods Natural Area | Ripley/IN | NHR | III | N/A | None | Appropriation |
| | - | Lubbe Woods Natural Area | Dearborn/IN | NHR | I | N/A | None | Authorization, Appropriation |
| OH | 105 | Little Miami Scenic River Land Acquisition | Clermont, Greene, Hamilton, Warren/OH | NHR | I | 17,238 | None | Appropriation |
| | 751 | East Fork Little Miami Scenic River Designation | Clermont/OH | NHR | I | N/A | None | Designation |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| OH | 740 | Shawnee State Forest Expansion | Scioto, Adams/ OH | NHR | II | N/A | None | Appropriation |
| WV | 732 | Cabell County Wildlife Refuge | Cabell/WV | NHR | I | N/A | None | Appropriation |
| USDA | 267 | Fourpole Creek Watershed Project (PL 566) | Cabell/WV | FDA NHR | II | 3,000 | Appropriation | None |
| | 380 | Fourmile Creek Watershed Project (PL 566) | Campbell/KY | FDA NHR | II | N/A | Appropriation | None |
| | 383 | Upper Tygarts Creek Watershed Project (PL 566) | Carter/KY | FDA NHR | II | N/A | Appropriation | None |
| | 385 | East Fork Little Sandy Watershed Project (PL 566) | Boyd, Carter, Lawrence, Greenup/KY | FDA NHR | II | 1,053 | Appropriation | None |
| ARMY | 20 | Gallipolis Lock (Replacement) | Mason/WV Gallia/OH | T | I | 159,000 | Appropriation Authorization | None |
| USDI | 683 | Hazelwood Botanical Preserve | Hamilton/OH | NHR | I | N/A | National Natural Landmark Designation | None |
| | 684 | Rocky Hollow Natural Area | Scioto/OH | NHR | I | N/A | National Natural Landmark Designation | None |
| | 685 | California Woods Nature Preserve | Hamilton/OH | NHR | I | N/A | National Natural Landmark Designation | None |
| | 698 | Wilberforce Beech Woods (Tawara Natural Area) | Greene/OH | NHR | I | N/A | National Natural Landmark Designation | None |
| Local | 625 | County Farm (Expansion) | Dearborn/IN | NHR | I | $ 7,009 | None | None |
| | 626 | Salem Ridge | Ohio/IN | NHR | I | 847 | None | None |
| USDI/ Local | 630 | Gunpower Creek | Boone/KY | NHR | I | 3,629 | Allocation | Allocation |
| | 631 | Campbell County Park | Campbell/KY | NHR | I | 4,344 | Allocation | Allocation |
| | 632 | Dry Creek | Kenton/KY | NHR | I | 1,552 | Allocation | Allocation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDI/ Local | 633 | Kenton County Park | Kenton/KY | NHR | I | 3,240 | Allocation | Allocation |
| | 635 | Grants Bend | Campbell, Kenton/KY | NHR | I | 9,662 | Allocation | Allocation |
| Local | 585 | Nine Mile Creek Park | Clermont, Hamilton/OH | NHR | I | 24,578 | None | None |
| | 586 | Dry Run | Hamilton/OH | NHR | I | 12,205 | None | None |
| | 616 | Olive Branch | Warren/OH | NHR | I | 6,431 | None | None |
| | 617 | Clear Creek | Warren/OH | NHR | I | 2,743 | None | None |
| | 618 | Wayne Township | Warren/OH | NHR | I | 2,743 | None | None |
| | 619 | Kings Mills | Warren/OH | NHR | I | 1,555 | None | None |
| | 681 | Riverside Park Complex | Scioto/OH | NHR | I | 3,220 | None | None |
| | 564 | Horner Run | Clermont/OH | NHR | II | 4,817 | None | None |
| | 567 | Loveland | Clermont/OH | NHR | II | 6,154 | None | None |
| | 620 | Todd Fork | Warren/OH | NHR | II | 5,444 | None | None |
| | 621 | Hall's Creek | Warren/OH | NHR | II | 2,544 | None | None |
| PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| USDA | 21 | Pine Creek Watershed Project (PL 566) | Jackson, Lawrence, Scioto/OH | FDA NHR WS | I | N/A | Appropriation | None |
| | 512 | Anderson Fork | Clinton, Greene/OH | FDA NHR | I | N/A | Appropriation | None |
| Pri-vate | 495 | Greenup Dam Hydro-electric Plant | Greenup/KY Scioto/OH | P | I | N/A | None | None |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| IN | 653 | Laughery Creek State Natural River | Dearborn, Ohio, Ripley/IN | NHR | II | N/A | None | Appropriation |
| OH | 516 | Ohio Brush Creek Wild and Scenic River | Adams, Highland/OH | NHR | I | N/A | None | Appropriation |
| | 517 | Todd Fork Wild and Scenic River | Clinton, Warren/OH | NHR | I | 3,236 | None | Appropriation |
| | 622 | Symmes Creek Wild and Scenic River | Gallia, Lawrence/OH | NHR | I | N/A | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA | 353 | Sand Fork Watershed Project (PL 566) | Gallia, Lawrence/OH | NHR | II | N/A | None | Appropriation |
| USDI | 736 | Carter Cave State Park | Carter/KY | NHR | I | N/A | National Natural Landmark Designation | None |
| Army | 526 | Meldahl Kayak Slalom Course | Clermont/OH | NHR | I | 45 | Appropriation | None |
| Local | 678 | Wallace Park | Cabell/WV | NHR | I | 1,758 | None | None |
| State or Local | 688 | Bald Point Natural Area | Boone/KY | NHR | I | 120 | None | Appropriation |
| | 689 | Cherry Hill Woods Natural Area | Boone/KY | NHR | I | 230 | None | Appropriation |
| | 690 | Middle Creek Natural Area | Boone/KY | NHR | I | 120 | None | Appropriation |
| | 691 | Spit Rock Natural Area | Boone/KY | NHR | I | 120 | None | Appropriation |
| | 692 | Bottomland Forest Natural Area | Carroll/KY | NHR | I | 70 | None | Appropriation |
| | 550 | Cedar Falls Natural Area | Adams/OH | NHR | I | 350 | None | Appropriation |
| | 553 | Blue Creek Swamp Natural Area | Adams/OH | NHR | I | 70 | None | Appropriation |
| | 554 | Cave Hollow Natural Area | Adams/OH | NHR | I | $ 420 | None | Appropriation |
| | 556 | Laurel Strath Natural Area | Adams/OH | NHR | I | 420 | None | Appropriation |
| | 557 | Post Oak Opening Natural Area | Adams/OH | NHR | I | 140 | None | Appropriation |
| | 560 | Buttermilk Falls Natural Area | Brown/OH | NHR | I | 140 | None | Appropriation |
| | 566 | Goshen Ponds Natural Area | Clermont/OH | NHR | I | 30 | None | Appropriation |
| | 579 | Sweetgum Site Natural Area | Gallia/OH | NHR | I | 50 | None | Appropriation |
| | 592 | Greenhills Woods Natural Area | Hamilton/OH | NHR | I | 4,220 | None | Appropriation |
| | 593 | Greenhills Heronry Natural Area | Hamilton/OH | NHR | I | 120 | None | Appropriation |
| | 601 | Laurel Run Natural Area | Jackson/OH | NHR | I | 150 | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| State or Local | 603 | Thurman Natural Area | Jackson/OH | NHR | I | 50 | None | Appropriation |
| | 604 | Weaver Hollow Natural Area | Jackson/OH | NHR | I | 100 | None | Appropriation |
| | 607 | Compass Plant Habitat Natural Area | Lawrence/OH | NHR | I | 150 | None | Appropriation |
| | 611 | Snake Hollow Natural Area | Scioto/OH | NHR | I | 300 | None | Appropriation |
| | 612 | Tom's Hollow Natural Area | Scioto/OH | NHR | I | 200 | None | Appropriation |
| | 624 | Black Fork Swamp Natural Area | Gallia/OH | NHR | I | 100 | None | Appropriation |
| | 743 | Logan's Lane Natural Area | Adams/OH | NHR | I | N/A | None | Appropriation |
| | 744 | Craggy Rock Natural Area | Adams/OH | NHR | I | N/A | None | Appropriation |
| | 747 | Kinney Hollow Natural Area | Clermont/OH | NHR | I | N/A | None | Appropriation |
| | 748 | Petry Property Natural Area | Clermont/OH | NHR | I | N/A | None | Appropriation |
| | 701 | Greenup County Heron Rookery Wetland | Greenup/KY | NHR | I | N/A | None | Appropriation and Regulation |
| | 702 | Wurtland Bottoms Wetland | Greenup/KY | NHR | I | N/A | None | Appropriation and Regulation |
| | 703 | Wurtland Pond Wetland | Greenup/KY | NHR | I | N/A | None | Appropriation and Regulation |
| | 705 | Greenup Wetland | Greenup/KY | NHR | I | N/A | None | Appropriation and Regulation |
| | 708 | Horseshoe Lake Wetland | Greenup/KY | NHR | I | N/A | None | Appropriation and Regulation |
| | 715 | Lee's Creek Embayment | Mason/KY | NHR | I | N/A | Regulation | Regulation |
| | 717 | Locust Creek Embayment | Bracken/KY | NHR | I | N/A | Regulation | Regulation |
| | 718 | Bracken Creek Embayment | Bracken/KY | NHR | I | N/A | Regulation | Regulation |
| | 724 | Landing Creek Embayment | Boone/KY | NHR | I | N/A | Regulation | Regulation |
| | 725 | Gunpowder Creek Embay-ment | Boone/KY | NHR | I | N/A | Regulation | Regulation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| State or Local | 726 | Lick Creek Embayment | Boone/KY | NHR | I | N/A | Regulation | Regulation |
| | 727 | Second Creek Embayment | Boone/KY | NHR | I | N/A | Regulation | Regulation |
| | 730 | Paint Lick Creek Embay-ment | Gallatin/KY | NHR | I | N/A | Regulation | Regulation |
| | 712 | Concord Island | Lewis/KY | NHR | I | N/A | Regulation | Appropriation and Regulation |
| | 713 | Manchester Island | Lewis/KY | NHR | I | N/A | Regulation | Appropriation and Regulation |
| | 719 | Belleview Island | Boone/KY | NHR | I | N/A | Regulation | Appropriation and Regulation |
| | 723 | Big Bone Island | Boone/KY | NHR | I | N/A | Regulation | Appropriation and Regulation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| ONGOING STUDIES | | | | | | | | |
| IN/ EPA | - | Region 12 Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | Dearborn, Ohio, Ripley, Switzerland/IN | WQC | I | N/A | Appropriation | Appropriation |
| OH/ KY/ IN/ EPA | - | Cincinnati Water Quality Areawide Planning Study (Sec. 208, PL 92-500) | Dearborn, Ohio/ IN; Boone, Campbell, Kenton/KY; Butler, Clermont, Clinton, Hamilton, Warren/OH | WQC | I | 1,975 | Appropriation | Appropriation |
| OH/ EPA | - | Dayton Water Quality Areawide Planning Study (Sec. 208, PL 92-500) | Montgomery, Greene/OH | WQC | I | $ 1,343 | Appropriation | Appropriation |
| | - | Little Miami River Basin Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | Brown, Clark, Clermont, Clinton, Greene, Hamilton, Warren/OH | WQC | I | N/A | Appropriation | Appropriation |
| | - | Mill Creek Basin Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | Butler, Hamilton/OH | WQC | I | N/A | Appropriation | Appropriation |
| | - | Southwest Ohio River and Tributaries Basin Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | Brown, Clermont, Highland/OH | WQC | I | N/A | Appropriation | Appropriation |
| WV/ EPA | - | Water Quality Management Plan (Sec. 208/303(e), PL 92-500) | WV/Subregionwide | WQC | I | N/A | Appropriation | Appropriation |
| Army | - | Central Ohio | OH/Subregionwide | All | I | 2,538 | Appropriation | None |
| | - | Miami River, Little Miami River and Millcreek Basin | OH/Subregionwide | All | I | 1,950 | Appropriation | None |
| | - | Metropolitan Region of Huntington/WV; Ashland/KY; and Portsmouth/OH | WV,KY,OH | All | I | 2,236 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 509-Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **OTHER STUDIES** | | | | | | | | |
| FERC/ ARMY/ Pri- | 20 | Gallipolis Dam Hydro Plant | Gallia/OH Mason/WV | P | I | NA | Licensing | None |
| vate | 146 | Meldahl Dam Hydro Plant | Clermont/OH Bracken/KY | P | I | NA | Licensing | None |
| HUD | - | 89 Flood Insurance Studies | IN,KY,OH,WV/ Subregionwide | FDA | I | NA | Appropriation | None |
| | - | 37 Flood Insurance Studies | IN,KY,OH,WV/ Subregionwide | FDA | II | NA | Appropriation | None |
| Pri- vate | 102 | Zimmer (Unit 2) | Clermont/OH | P | I | NA | None | None |
| | 176 | Ghent (Unit 2) | Carroll/KY | P | I | NA | None | None |
| | 494 | Killen | Adams/OH | P | I | NA | None | None |
| | 497 | East Bend (Unit 2) | Boone/KY | P | I | NA | None | None |
| | 498 | Spurlock (Unit 2) | Mason/KY | P | I | NA | None | None |
| KY | 756 | Tygarts Creek Wild and Scenic River | Greenup, Carter/KY | NHR | I | NA | None | Authorization, Appropriation |
| | 687 | Tygarts Creek Natural Area | Carter/KY | NHR | I | NA | None | Appropriation |
| | 695 | Lovers Leap Natural Area | Campbell/KY | NHR | I | NA | None | Appropriation |
| | 706 | South Portsmouth Swamp Wetland | Greenup/KY | NHR | I | NA | None | Appropriation |
| | 707 | Oxbow Lake Wetland | Greenup/KY | NHR | I | NA | None | Appropriation |
| | 721 | Aurora Ferry Road Slough Wetland | Boone/KY | NHR | I | NA | None | Appropriation |
| | 704 | Uhlens Branch Embayment | Greenup/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 709 | Coal Branch Embayment | Greenup/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 710 | Swift Branch Embayment | Greenup/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 714 | Lawrence Creek Embayment | Mason/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 716 | Cabin Creek Embayment | Mason/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 720 | Woolper Creek Embayment | Boone/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 722 | Big Bone-Mud Lick Creek Embayment | Boone/KY | NHR | I | NA | None | Appropriation or Regulation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 509-Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| KY | 728 | Craig Creek Embayment | Gallatin/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 729 | Steele Creek Embayment | Gallatin/KY | NHR | I | NA | None | Appropriation or Regulation |
| | 731 | Black Rock Creek Embayment | Carroll/KY | NHR | I | NA | None | Appropriation or Regulation |
| OH | 754 | Raccoon Creek Wild and Scenic River | Gallia, Vinton/OH | NHR | I | NA | None | Appropriation |
| | 753 | Little Scioto Wild and Scenic River | Scioto/OH | NHR | I | NA | None | Appropriation |
| | 745 | Whiteoak Creek Wild and Scenic River | Brown/OH | NHR | I | NA | None | Appropriation |
| | 750 | Straight Creek Wild and Scenic River | Brown/OH | NHR | I | NA | None | Appropriation |
| | 752 | Eagle Creek Wild and Scenic River | Brown/OH | NHR | I | NA | None | Appropriation |
| WV | 679 | Hanging Rock Natural Area | Mason/WV | NHR | I | NA | None | Appropriation |
| USDA | 651 | Laughery Creek (Part of RC&D) | Ripley, Dearborn/IN | FDA | I | NA | Appropriation | None |
| | 369 | Little Scioto River Watershed Project (PL 566) | Jackson, Pike, Scioto/OH | FDA NHR | II | NA | Appropriation | None |
| | 367 | East Fork Twelvepole Creek Watershed Project (PL 566) | Wayne/WV | FDA | III | NA | Appropriation | None |
| | 368 | West Fork Twelvepole Creek Watershed Project (PL 566) | Wayne/WV | FDA | III | NA | Appropriation | None |
| PROGRAM OF REVIEW FOR DEAUTHORIZATION: | | | | | | | | |
| ARMY | 489 | Augusta Local Protection Project | Bracken/KY | FDA | I | NA | Appropriation | None |
| | 490 | Greenup LPP | Greenup/KY | FDA | I | NA | Appropriation | None |
| | 491 | Normal LPP | Boyd/KY | FDA | I | NA | Appropriation | None |
| | 652 | Vinton LPP | Vinton/OH | FDA | I | NA | Appropriation | None |
| | 480 | Burlington LPP | Lawrence/OH | FDA | I | NA | Appropriation | None |
| | 481 | Chesapeake LPP | Lawrence/OH | FDA | I | NA | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 509-Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| ARMY | 482 | Coal Grove Local Protection Project | Lawrence/OH | FDA | I | NA | Appropriation | None |
| | 486 | Proctorville LPP | Lawrence/OH | FDA | I | NA | Appropriation | None |
| | 488 | South Point LPP | Lawrence/OH | FDA | I | NA | Appropriation | None |
| | 508 | Wilders LPP | Campbell/KY | FDA | I | NA | Appropriation | None |
| USDI/ Local | 636 | Woolper Creek Park | Boone/KY | NHR | I | NA | Allocation | Allocation |
| | 637 | Elijah's Creek Park | Boone/KY | NHR | I | NA | Allocation | Allocation |
| Local | 739 | Mt. St. Joseph Woods Natural Area | Hamilton/OH | NHR | I | NA | None | None |
| Pri-vate | 513 | Potential Site at Ohio River Mile 282 (Apple Grove) | Mason/WV | P | I | NA | None | None |
| | 514 | Potential Site at Ohio River Mile 332 (Hanging Rock) | Scioto/OH | P | I | NA | None | None |
| | 515 | Potential Site at Ohio River Mile 339 (St. Paul) | Scioto/OH | P | I | NA | None | None |
| | 762 | Potential Site at Ohio River Mile 380 (Sandy Spring) | Adams/OH | P | I | NA | None | None |
| | 763 | Potential Site at Ohio River Mile 385 (Carrs) | Lewis/KY | P | I | NA | None | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 509, Middle Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDI | - | Ohio River In-Water Disposal of Dredge Spoil Materials | IL,IN,KY,OH,PA, WV | WQC NHR | I | N/A | Appropriation | None |
| | - | Biological Survey, Ohio River Islands | IL,IN,KY,OH,PA, WV | NHR | I | N/A | Appropriation | None |
| | - | Fish and Wildlife Instream Flow Needs, Ohio River Tributaries | IL,IN,KY,OH,PA, WV | NHR | I | N/A | Appropriation | None |
| | - | Ohio River Mussel Beds | IL,IN,KY,OH,PA, WV | NHR | I | $ 300 | Appropriation | None |
| | - | Ohio River Embayments Fish and Wildlife Utilization | IL,IN,KY,OH,PA, WV | NHR | I | N/A | Appropriation | None |
| ORSANCO | - | Organics Monitoring Program | IL,IN,KY,OH,PA, WV | WQC | I | 700 (first 2 yrs) | Appropriation | None |
| | - | Ohio River Small Tributary Non-Point Source Model Study | IL,IN,KY,OH,PA, WV | WQC | I | N/A | Appropriation | None |
| | - | Identification of Causes of High Fecal Coliform Levels | IL,IN,KY,OH,PA, WV | WQC | I | N/A | Appropriation | None |
| | - | Ohio River Aquatic Life | IL,IN,KY,OH,PA, WV | WQC | I | N/A | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 510 - Kentucky/Licking

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| 1/ ARMY | 20 | Cave Run Lake | Bath, Menifee, Morgan, Rowan/KY | FDA NHR WQC | I | $ 65,300 | Appropriation | None |
| USDA/ FS USDI/ FWS | 64 | Daniel Boone National Forest | Menifee, Powell/KY | NHR | I | 11 | Appropriation | None |
| USDA/ SCS | 31 | Fox Creek Watershed Project (PL-566) | Fleming/KY | FDA NHR | I | 1,629 | Appropriation | None |
| | 32 | Salt Lick Creek Water-shed Project (PL-566) | Bath, Menifee/KY | FDA NHR | I | 1,042 | Appropriation | None |
| | 33 | Upper Howards Creek Watershed Project (PL-566) | Clark/KY | FDA NHR | I | 655 | Appropriation | None |
| | 34 | Redlick Creek Watershed Project (PL-566) | Madison, Estill, Jackson/KY | FDA NHR | I | 1,441 | Appropriation | None |
| | 199 | Banklick Creek Water-shed Project (PL-566) | Boone, Kenton/ KY | NHR | I | 4,930 | Appropriation | None |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| USDA/ SCS | 224 | Chamberland Branch Watershed Project (PL-566) | Estill/KY | FDA | I | 225 | Appropriation | None |
| USDA/ SCS | 292 | Silver Creek Water-shed | Madison, Garrard/KY | FDA NHR | II | 2,600 | Appropriation | None |
| **PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| ARMY | 265 | Salyersville, KY Local Protection Project | KY | FDA | I | 250 | Appropriation | None |
| | - | Kentucky River National Recreation Area | KY | NHR | I | N/A | Appropriation | None |

1/ All Army costs are estimated Federal cost based on October, 1978 price levels.

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 510 - Kentucky/Licking

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| KY/ EPA | | Water Quality Management Plan | Kentucky | WQC | I | NA | Appropriation | Appropriation |
| KY/ EPA | | Cincinnati Water Quality Area-wide Planning Study | Boone, Kenton, Campbell/KY | WQC | I | NA | Appropriation | Appropriation |
| ORBC | | Kentucky/Licking River Basins CCJP | KY | All | I | 70 | Appropriation | Appropriation |
| USDA/ SCS | | Winchester Flood Hazard Analysis | Clark/KY | FDA NHR | I | 110 | Appropriation | None |
| USDA/ SCS | | Kentucky River Type IV Study | Subregion-wide | All | I | 639 | Appropriation | None |
| ARMY | | Kentucky River and Tributaries Survey | Subregion-wide | ALL | I | NA | Appropriation | None |
| ARMY | 119 | Falmouth Lake | Pendleton, Bath Bracken, Fleming, Harrison, Robertson, Nicholas/KY | ALL | I | 131,000 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 511 - Green

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| TVA | 5 | Paradise Power Plant (Coal Washing Plant Adi-ditions | Muhlenberg/KY | P | I | 162,000 | Appropriation (TVA Budget) | None |
| USDA/ SCS | 15 | E.F. Pond River Watershed Project (PL 566) | Christian, Todd, Muhlenberg/KY | FDA | I | 8,359 | Appropriation | None |
| | 16 | W.F. Pond River Watershed Project (PL 566) | Christian, Hopkins/KY | FDA | I | 1,852 | Appropriation | None |
| | 17 | Caney Creek Watershed Project (PL 566) | Grayson, Butler/KY | FDA NHR | I | 9,350 | Appropriation | None |
| | 19 | Big Muddy Creek Watershed Project (PL 566) | Logan, Butler/KY | FDA | I | 2,094 | Appropriation | None |
| | 20 | Mud River Watershed Project (PL 566) | Todd, Logan, Butler, Muhlenberg/KY | FDA NHR WS | I | 7,032 | Appropriation | None |
| | 23 | Short Creek Watershed Project (PL 566) | Grayson/KY | FDA | I | 1,848 | Appropriation | None |
| | 75 | N.F. Nolin River Water-shed Project (PL 566) | Larue/KY | FDA NHR | I | 1,980 | Appropriation | None |
| | 82 | Red Boiling Spring, Water-shed Project (PL 566) | Clay, Macon/TN | FDA | I | 1,830.5 | Appropriation | None |
| **PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| USDA/ SCS | 77 | Upper Green River Water-shed Project (PL 566) | Lincoln, Casey/KY | FDA WS | II | 1,252 | Appropriation | Local Sponsor |
| | 80 | Russell Creek Watershed Project (PL 566) | Adair, Russell/ KY | FDA WS | III | 3,344 | Appropriation | None |
| | 81 | Trammel Fork Watershed Project (PL 566) | Macon, Somner/TN Allen, Warren/KY | FDA WS | III | 1,174.5 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 511 - Green

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA/ SCS | 83 | East Fork Indian Creek Watershed Project (PL 566) | Butler/KY | FDA NHR | II | $ 220 | Appropriation | None |
| | 85 | Skaggs Creek Watershed Project (PL 566) | Metcalfe, Monroe, Barren/KY | FDA NHR WS | II | 1,250 | Appropriation | None |
| | 87 | East Fork Deer Creek Watershed Project (PL 566) | Hopkins, Webster/KY | FDA WS | II | 2,600 | Appropriation | None |
| | 198 | Peter Creek Watershed Project (PL 566) | Barren, Monroe/ KY | FDA NHR | II | 300 | Appropriation | None |
| | 79 | Green River RC&D Area | KY | FDA NHR WQC WS | I | | Appropriation | None |
| | 135 | Cumberland Green Lakes RC&D Area | KY | FDA NHR WQC WS | I | | Appropriation | None |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| USDA/ SCS | 78 | Buckhorn Creek Watershed Project (PL 566) | Taylor/KY | FDA | II | | Appropriation | None |
| | 79 | Green County Recreational Development (PL 566) | Green/KY | NHR | II | | Appropriation | None |
| FERC | 114 | Barren River Project No. 2874 | Butler/KY | P | I | 40,000 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 511 - Green

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| KY/ EPA | - | Water Quality Management Plan, Continuous Planning Process (Section 208/303(e) PL 92-500) | Kentucky | WQC | I | | Appropriation | Appropriation |
| ORBC | - | Green River Basin CCJP Phase II Study | KY, TN | FDA NHR P.T WQC WS | I | 100 | Appropriation | Appropriation |
| **OTHER STUDIES** | | | | | | | | |
| USDA/ SCS | 181 | Long Fork Branch Water-shed Project (PL 566) | Macon/TN | FDA WS | II | $ 910 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| IL | 1073 | Middle Fork Vermilion River Lake Alternative | Vermilion/IL | NHR WS | I | N/A | None | Appropriation |
| 1/ ARMY | 315 | Patoka Lake | Dubois, Orange Crawford/IN | FDA WQC WS NHR | I | $51,500 | Appropriation | Appropriation |
| USDA/ SCS | 16 | Scattering Fork Watershed Project (PL 566) | Champaign, Douglas/IL | FDA | I | 1,116 | Appropriation | None |
| | 19 | Mill Creek Watershed Project (PL 566) | Edgar, Clark/IL | FDA NHR | I | 6,814 | Appropriation | None |
| | 285 | Busseron Creek Watershed Project (PL 566) | Sullivan, Vigo, Greene, Clay/IN | FDA NHR | I | 9,600 | Appropriation | None |
| | 289 | Stucker Fork Watershed Project (PL 566) | Scott, Jefferson, Washington/IN | FDA | I | 6,987 | Appropriation | None |
| | 295 | Prairie Creek Watershed Project (PL 566) | Vigo/IN | FDA | I | 1,417 | Appropriation | None |
| | 296 | Bachelor Run Watershed Project (PL 566) | Carroll, Howard/ IN | FDA | I | 870 | Appropriation | None |
| | 297 | Little Raccoon Creek Watershed Project (PL 566) | Parke, Putnam, Montgomery/IN | FDA NHR | I | 4,445 | Appropriation | None |
| | 298 | Delaney Creek Watershed Project (PL 566) | Washington/IN | FDA NHR | I | 2,771 | Appropriation | None |
| | 299 | Twin Rush Creek Water-shed Project (PL 566) | Washington/IN | FDA WS | I | 3,353 | Appropriation | None |
| | 300 | Mill Creek Watershed Project (PL 566) | Fulton/IN | FDA | I | 876 | Appropriation | None |
| | 301 | Rock Creek Watershed Project (PL 566) | Wells/IN | FDA | I | $ 2,906 | Appropriation | None |
| | 302 | Little Walnut Creek Watershed Project (PL 566) | Putnam/IN | FDA NHR | I | 2,021 | Appropriation | None |
| | 304 | Rock Creek Watershed Project (PL 566) | Cass/IN | FDA | I | 1,818 | Appropriation | None |

1/ All Army costs are estimated Federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDA/ SCS | 306 | Fall Creek Watershed Project (PL 566) | Warren/IN | FDA NHR | I | $ 1,314 | Appropriation | None |
| | 307 | Upper Big Blue River Watershed (PL 566) | Henry, Rush/IN | FDA NHR | I | 19,957 | Appropriation | None |
| | 563 | Lye Creek Drain Watershed Project (PL 566) | Montgomery/IN | FDA | I | 52,654 | Appropriation | None |
| | 585 | Jordan Creek Watershed Project (PL 566) | Warren/IN | FDA | I | 2,529 | Appropriation | None |
| USDI/ FWS | 582 | Muscatatuck Wildlife Refuge (Improvements) | Jennings/IN | NHR | I | 6,700 | Appropriation | None |
| | 1195 | Hoosier National Forest (Land & Water Conservation Fund) | IN | NHR | I | 500 | Appropriation | None |

## PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN

Natural Areas for State Nature Preserves:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| IN | 1557 | Little Blue Stem Prairie | Vigo/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1558 | Laketon Bog | Wabash/IN | NHR | I | 15 | None | Authorization/ Appropriation |
| | 1559 | Cabin Cr. Raised Bog | Randolph/IN | NHR | I | 30 | None | Authorization/ Appropriation |
| | 1560 | Big Walnut Creek | Putnam/IN | NHR | I | 110 | None | Authorization/ Appropriation |
| | 1561 | Meltzer Woods | Shelby/IN | NHR | I | 75 | None | Authorization/ Appropriation |
| | 1562 | Fall Creek Gorge | Warren/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1563 | Lilly Woods | Brown/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| | 1564 | Yellowwood Site | Brown/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| | 1565 | High Rock | Daviess/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| | 1566 | Comminsky Woods | Jennings/IN | NHR | II | 25 | None | Authorization/ Appropriation |
| | 1567 | Darlington Woods | Montgomery/IN | NHR | II | N/A | None | Authorization/ Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| IN | 1568 | Wesley Chapel Gulf | Orange/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| | 1569 | Big Creek Flats | Pike/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| | 1570 | Tar Spring | Crawford/IN | NHR | III | N/A | None | Authorization/ Appropriation |
| | 1571 | Bradford Woods | Morgan/IN | NHR | III | N/A | None | Authorization/ Appropriation |
| | 1572 | Big Pine Creek Natural Scenic and Recreational River System | Warren/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1573 | Tippecanoe River NSSR | Koscuisko, Pulaski/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1574 | Sugar Creek NSSR | Montgomery, Parke/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1575 | Big Walnut Creek NSSR | Putnam/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1576 | Sand Creek NSSR | Decatur/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| USDA/ | 20 | North Fork Embarras Watershed Project (PL 566) | Jasper, Crawford, Clark, Cumberland, Edgar, Coles/IL | FDA NHR | I | 6,400 | Appropriation | None |
| LOCAL | 1581 | Hurricane Creek Levee | Cumberland/IL | FDA | I | 683 | None | None |
| | 1582 | Greenup No. 1 Levee | Cumberland/IL | FDA | I | 1,001 | None | None |
| | 1583 | Greenup No. 2 Levee | Cumberland/IL | FDA | I | 1,360 | None | None |
| | 1584 | Hill Creek Levee | Jasper/IL | FDA | I | 1,207 | None | None |
| | 1585 | Mint Creek Levee | Jasper/IL | FDA | I | 1,987 | None | None |
| | 1586 | Eagle Bottoms Levee | Lawrence/IL | FDA | I | 2,942 | None | None |
| | 1587 | Maxwell Levee | Lawrence/IL | FDA | I | 3,532 | None | None |

## PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| IL | 1061 | Villa Grove Local Protection Project | Douglas/IL | FDA | I | | None | Appropriation |
| IN | 1577 | Wildcat Creek NSSR | Carroll, Tippecanoe/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1578 | South Fork Wildcat Creek NSSR | Tippecanoe/IN | NHR | I | N/A | None | Authorization/ Appropriation |
| | 1579 | Wildcat Creek Recreational Feasibility Study | | NHR | I | 30 | None | Authorization/ Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| IN | 1580 | White River RFS | | NHR | I | 100 | None | Authorization/ Appropriation |
| ARMY | 152 | Louisville Lake | Clay/IL | FDA WS NHR | I | $74,200 | Appropriation | None |
| | 569 | Big Blue Lake | Hancock, Rush, Shelby/IN | FDA WS NHR | I | 80,800 | Appropriation | Appropriation |
| | 571 | Big Walnut Lake | Putnam/IN | FDA WS NHR | I | 75,800 | None | Section 221 Assurances |
| | 578 | Downeyville Lake | Decatur, Rush/IN | FDA NHR WS | II | N/A | None | None |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| IL | 1062 | Crossville Local Protection Project | White/IL | FDA | I | | None | Appropriation |
| | 1070 | Hutsonville Local Protection Project | Crawford/IL | FDA | I | | None | Appropriation |
| | 1065 | Russellville Local Protection Project | Lawrence/IL | FDA | I | | None | Appropriation |
| | 1068 | Carmi Local Protection Project | White/IL | FDA | I | | None | Appropriation |
| | 1071 | Danville Local Protection Project | Vermilion/IL | FDA | I | | None | Appropriation |
| USDA/ SCS | 1063 | Sumner Local Protection Project | Lawrence/IL | FDA | I | | None | Appropriation |
| | 1064 | Maunie Local Protection Project | White/IL | FDA | I | | None | Appropriation |
| | 1066 | Henning Local Protection Project | Vermilion/IL | FDA | I | | None | Appropriation |
| | 1067 | Birds Local Protection Project | Lawrence/IL | FDA | I | | None | Appropriation |
| | 1069 | St. Marie Local Protection Project | Jasper/IL | FDA | I | | None | Appropriation |
| | 22 | Bonpas Creek Watershed Project (PL 566) | Richland, Lawrence, Wabash, Edwards/IL | FDA NHR | II | | Appropriation | None |
| | 238 | Fox River Watershed Project (PL 566) | Edwards, Wayne, Richland/IL | FDA | III | | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **ONGOING STUDIES** | | | | | | | | |
| LOCAL | 1072 | Embarras Local Protection and Water Supply Study (City of Charleston) | Lawrence, Jasper, Coles Cumberland, Douglas, Champaign/IL | FDA WS | I | $ 6,497 | None | None |
| ARMY | 1182 | Columbus Local Protection Project | Bartholomew/IN | FDA | I | 390 | Appropriation | None |
| | 1386 | Grand Lake St. Mary's | Mercer, Auglaize/OH | FDA NHR WQC | I | 300 | Appropriation | None |
| | - | Wabash River Comprehensive Study (Authorization) | OH, IL, IN | FDA NHR P,T WQC WS | I | 1,535 | Appropriation | None |
| EPA/ IL | - | Northeast Central Subarea Water Quality Management Plan (Section 208/303(e), PL 92-500) | Champaign, Ford, Vermilion/IL | WQC | I | | Appropriation | Appropriation |
| | - | Southeast Central Subarea Water Quality Management Plan (Section 208/303(e), PL 92-500) | Clay, Clark, Coles, Crawford, Cumberland, Douglas, Edgar, Edwards, Jasper, Effingham, Lawrence, Wayne, Marion, Wabash, Richland, White, Shelby/IL | WQC | I | | Appropriation | Appropriation |
| EPA/ IN | - | Region 1B Water Quality Management Plan (Section 208/303(e), PL 92-500) | Pulaski/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 2 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Koskiusko, Marshall/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 3A Water Quality Management Plan (Section 208/303(e), PL 92-500) | Huntington, Noble, Whitley/IN | WQC | I | | Appropriation | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979

SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| EPA/ IN | - | Region 3B Water Quality Management Plan (Section 208/303(e), PL 92-500) | Adams, Allen, Wells/IN | WQC | I | $ | Appropriation | Appropriation |
| | - | Region 4 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Benton, Carroll, Clinton, White, Montgomery, Fountain, Tippecanoe, Warren/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 5 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Cass, Fulton, Howard/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 6 Water Quality Management Plan (Local Designation)(Section 208/303(e), PL 92-500) | Blackford, Delaware, Grant, Henry, Jay, Madison, Randolph/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 7 Water Quality Management Plan (Local Designation) (Section 208/303(e), PL 92-500) | Clay, Parke, Putnam/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 8 Water Quality Management Plan (Local Designation (Section 208/303(e), PL 92-500) | Boone, Hamilton, Marion, Hancock, Hendricks, Johnson, Morgan, Shelby/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 9 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Rush/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 10 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Monroe, Owen/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 11 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Bartholomew, Brown, Decatur, Jackson, Jennings/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 12 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Jefferson, Ripley/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 13A Water Quality Management Plan (Local Designation) (Section 208/303(e), PL 92-500) | Daviess, Greene, Knox, Lawrence, Martin/IN | WQC | I | | Appropriation | Appropriation |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April, 1979 SUBREGION: 512 - Wabash

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| EPA/ IN | - | Region 13B Water Quality Management Plan (Local Designation) (Section 208/303(e), PL 92-500) | Gibson, Pike, Posey/IN | WQC | I | $ | Appropriation | Appropriation |
| | - | Region 14 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Scott, Washington/IN | WQC | I | | Appropriation | Appropriation |
| | - | Region 15 Water Quality Management Plan (Section 208/303(e), PL 92-500) | Dubois, Orange/ IN | WQC | I | | Appropriation | Appropriation |
| EPA/ OH | - | Wabash River Basin Water Quality Management Plan (Section 208/303(e), | Darke, Mercer/OH | WQC | I | | Appropriation | Appropriation |
| **OTHER STUDIES** | | | | | | | | |
| ORBC | - | Wabash CCJP Phase II Study | IL, IN, OH | FDA NHR P,T WQC WS | I | 100 | Appropriation | Appropriation |
| USDA/ SCS | 588 | House-Bartee Watershed Project (PL 566) | Stark, Marshall, Pulaski/IN | FDA | II | 1,207 | Appropriation | None |
| | 589 | Snapp Kelso Watershed Project (PL 566) | Knox/IN | FDA | II | 1,026 | Appropriation | None |
| | 590 | Maxwell Drain Water-shed Project (PL 566) | Tippecanoe, Carrol/IN | FDA | II | 500 | Appropriation | None |
| | 592 | Crooked Creek Watershed Project (PL 566) | Cass/IN | FDA | II | 2,576 | Appropriation | None |
| | 593 | Killbuck Creek Water-shed Project (PL 566) | Delaware, Madison/IN | FDA | II | 2,253 | Appropriation | None |
| | 594 | Otter Creek Watershed Project (PL 566) | Clay, Vigo, Parke/IN | FDA | II | 5,854 | Appropriation | None |
| | 596 | Whitelick Creek Water-shed Project (PL 566) | Boone, Morgan, Marion, Hendricks/IN | FDA | II | 9,048 | Appropriation | None |
| | 597 | New Waverly - Williams Creek Watershed Project (PL 566) | Cass/IN | FDA | II | 200 | Appropriation | None |
| | 604 | Buckeye-Hoosier-Wabash Watershed Project (PL 566) | Wells, Adams, Jay/IN Mercer/OH | FDA | II | 14,489 | Appropriation | None |
| | 1388 | Honey Creek Watershed Project (PL 566) | Vigo, Clay/IN | FDA | II | NA | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979 SUBREGION: 513 - Cumberland

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| **CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS** | | | | | | | | |
| 1/ Army | 85 | Laurel River Lake | Laurel, Whitley/ KY | P NHR | I | $ 54,700 | Appropriation | None |
| Army | 607 | Big South Fork National River and Recreation Area | McCreary/KY, Campbell, Fentress, Scott/TN | NHR | I | 140,000 | Appropriation | None |
| TVA | 75 | Gallatin Steam Plant (Additions) | Sumner/TN | P | I | 42,500 | Appropriation (TVA Budget) | None |
| | 76 | Cumberland City Steam Plant (Replacement & additions) | Stewart/TN | P | I | 12,050 | Appropriation (TVA Budget) | None |
| | 488 | Hartsville Nuclear Plant | Trousdale, Smith/TN | P | I | 3,500,000 | Appropriation (TVA Budget) | None |
| USDA/ SCS | 9 | Hull-York Lakeland RC&D Project | Montgomery/TN | NHR FDA | I | 130 | Appropriation | None |
| | | -Cumberland OBED River | Cumberland/TN | NHR | I | 212 | Appropriation | None |
| | | -Smithville Green Brook | DeKalb/TN | NHR | I | 216 | Appropriation | None |
| | | -Cannon County Stowe River Park | Cannon/TN | NHR | I | 215.4 | Appropriation | None |
| | 13 | Pine Creek Watershed Project (PL 566) | Scott/TN | FDA | I | 2,205 | Appropriation | None |
| | 505 | Ervin Branch RC&D Project | Houston/TN | FDA | I | 3,503.8 | Appropriation | None |
| | 708 | Five Rivers RC&D Project | | | | | | |
| | | -Clarksville Fairgrounds Park | Montgomery/TN | NHR | I | 500 | Appropriation | None |
| | | -South Guthrie | Montgomery/TN | NHR FDA | I | 130 | Appropriation | None |
| | - | Cane Creek RC&D Area | Putnam/TN | NHR FDA | I | 2,090 | Appropriation | None |
| USDI/ FWS | 158 | Cross Creeks National Wildlife Refuge | Stewart/TN | NHR | I | | Appropriation | None |
| **PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN** | | | | | | | | |
| Army | 606 | Whiteoak, Sunbright Creek Local Protection Project | Morgan/TN | FDA | I | $ 189 | Appropriation | None |

1/ All Army costs are estimated federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April 1979

SUBREGION: 513 - Cumberland

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA | 506 | Mill Creek Watershed Project (PL 566) | Clay, Overton/TN | FDA | II | 580 | Appropriation | None |
| | 510 | South Harpeth River Watershed Project (PL 566) | Davidson, Cheatham, Williamson/TN | FDA | II | 1,500 | Appropriation | None |
| | 511 | Spring Creek Watershed Project (PL 566) | Wilson/TN | FDA | II | 888 | Appropriation | None |
| PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| USDA/ SCS | 536 | Cumberland Valley RC&D Area | KY | NHR WQC WS FDA | I | | Appropriation | None |
| | 535 | Cumberland Green Lakes RC&D Area | KY | NHR WQC WS FDA | I | | Appropriation | None |
| | | McMinnville-Pepper Branch Park RC&D | Warren/IN | R | I | 300 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979 SUBREGION: 513-Cumberland

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| ARMY | 512 | Lower Cumberland and Tennessee Rivers below Barkley Canal/KY Navigation | Lyon, Marshall, Livingston/KY | T | I | $ 750 | Appropriation | None |
| | 513 | Upper Cumberland River Basin/KY Study | Clinton, Russell, Wayne, Pulaski, McCreary, Laurel, Whitley, Knox, Bell, Harlan/KY | FDA NHR WS | I | 626 | Appropriation | None |
| | 514 | Metropolitan Region of Nashville Study | Davidson, Sumner, Wilson/TN | FDA NHR P,T WQC WS | I | 1,800 | Appropriation | None |
| EPA/ TN | - | Nashville Water Quality Areawide Planning Study (Sect. 208, PL 92-500) | Davidson, Rutherford/TN | WQC | I | 868 | Appropriation | Appropriation |
| ORBC | - | Cumberland Level B Study | KY/TN | FDA NHR P,T WQC WS | I | 1,085 | Appropriation | In-Kind Service |
| USDA | - | New River Basin Study | Scott, Campbell, Morgan, Anderson/TN | WQC | I | 13,208 | Appropriation | None |
| | 699 | Charles Creek Watershed Project (PL 566) | Warren, Cannon/TN | FDA | I | 680 | Appropriation | None |
| | 700 | Sulphur Fork Creek Watershed Project (PL 566) | Robertson/TN | FDA WS | I | | Appropriation | None |
| **OTHER STUDIES** | | | | | | | | |
| USDA | 701 | Blackwolf Creek Watershed Project (PL 566) | Scott, Morgan/TN | FDA NHR | II | 684 | Appropriation | None |
| | 702 | Calfkiller River Watershed Project (PL 566) | Putnam, White Cumberland/TN | FDA NHR | II | 4,500 | Appropriation | None |
| | 703 | Hickory Creek Watershed Project (PL 566) | Warren, Coffee, Grundy/TN | FDA WS | II | 1,837 | Appropriation | None |
| | 704 | Mountain Creek Watershed Project (PL 566) | Warren, DeKalb, Cannon/TN | FDA | II | 770 | Appropriation | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

DATE: April 1979

SUBREGION: 513 - Cumberland

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED STUDY COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA | 705 | Perkins Creek Watershed Project (PL 566) | Scott/TN | FDA | II | 732 | Appropriation | None |
| | 706 | McCrory Creek Watershed Project (PL 566) | Davidson/TN | FDA | II | 1,050 | Appropriation | None |
| | 707 | Mill Creek Watershed Project (PL 566) | Davidson/TN | FDA | II | 5,000 | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 514. Lower Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| -- CONTINUED FUNDING OF PREVIOUSLY FUNDED PROJECTS AND PROGRAMS -- | | | | | | | | |
| IL/ USDI | - | Acid Mine Drainage Control Program | Statewide/IL | WQC | I | $344,000 (entire state) | Appropriation | Appropriation |
| USDA | 18 | Bay Creek Watershed Project(PL-566) | Pope/IL | FDA | I | 4,837 | Appropriation | None |
| USDA | 20 | Little Cache Creek Watershed Project(PL-566) | Johnson/IL | FDA NHR WS | II | 3,999 | Appropriation | None |
| USDA | 83 | Middle Fork of Anderson River Watershed Project (PL-566) | Perry/IN | FDA NHR | I | 9,510 | Appropriation | None |
| USDA | 84 | Muddy Fork of Silver Creek Watershed Project(PL-566) | Clark/IN | FDA NHR | I | 2,606 | Appropriation | None |
| USDA | 186 | Donaldson Creek Watershed Project(PL-566) | Caldwell/KY | FDA NHR | I | 2,031 | Appropriation | None |
| USDA | 187 | Upper Tradewater River Watershed Project(PL-566) | Christian/KY | FDA | I | 2,052 | Appropriation | None |
| USDA | - | PL 46 Land Treatment Program | IL Portion | FDA WQC NHR | I | 80,655 | Appropriation | None |
| USDA | - | Forest Land Treatment Program | IL Portion | FDA NHR WQC | I | 14,365 | Appropriation | None |
| USDA | - | PL 46 Land Treatment Program | IN Portion | FDA NHR WQC | I | 12,295 | Appropriation | None |
| USDA | - | Forest Land Treatment Program | IN Portion | FDA NHR WQC | I | 19,357 | Appropriation | None |
| USDA | - | PL 46 Land Treatment Program | KY Portion | FDA NHR WS WQC | I | 9,872 | Appropriation | None |
| USDA | - | Forest Land Treatment Program | KY Portion | FDA NHR WQC | I | 31,700 | Appropriation | None |
| 1/ Army | 94 | Evansville Local Protection Project | Vanderburgh/IN | FDA | I | 34,800 | Appropriation | None |

1/ All Army costs are estimated Federal cost based on October, 1978 price levels.

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 514, Lower Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| Army | 188 | Taylorsville Lake | Anderson, Nelson Spencer/KY | FDA WQC NHR | I | $ 88,700 | Appropriation | None |
| Army | 189 | Southwestern Jefferson County Local Protection Project | Jefferson/KY | FDA | I | 43,500 | Appropriation | None |
| Army | 277 | Smithland Locks and Dam | Pope/IL Livingston/KY | T | I | 251,000 | Appropriation | None |
| Army | 280 | Newburgh Locks and Dam | Warrick/IN Henderson/KY | T | I | 104,700 | Appropriation | None |
| Army | 281 | Uniontown Locks and Dam | Posey/IN Union/KY | T | I | 99,400 | Appropriation | None |
| EPA/ States | - | 1 New Municipal Waste Water Treatment Plant and 54 Modifications | Subregionwide | WQC | I | N/A | Appropriation | Appropriation |
| PRIORITIES FOR IMPLEMENTATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| IN | 649 | Burgdorf Woods Natural Area | Vanderburgh/IN | NHR | III | 35 | None | Appropriation |
| IN | 650 | Kramer Woods Natural Area | Spencer/IN | NHR | I | 140 | None | Appropriation |
| IN | 654 | Harrison Spring Natural Area | Harrison/IN | NHR | III | 35 | None | Appropriation |
| IN | 805 | Jewel Box Cave Natural Area | Harrison/IN | NHR | II | N/A | None | Authorization/ Appropriation |
| IN | 806 | Officer Woods Natural Area | Jefferson/IN | NHR | II | 70 | None | Authorization/ Appropriation |
| IN | 658 | Yellow Birch Ravine Natural Area | Crawford/IN | NHR | I | 62 | None | Appropriation |
| IN | 803 | Big Spring Natural Area | Washington/IN | NHR | III | N/A | None | Appropriation |
| KY | 626 | Shepherdsville Water Supply Alt. #3(from Louisville Water Co.) | Bullitt/KY | WS | I | N/A | None | None |
| KY | 633 | Hardinsburg Water Supply Alt. #4(from Rough River Lake) | Breckinridge/KY | WS | I | N/A | None | None |
| KY | 641 | Madisonville Water Supply Alt. #5(from Green River) | Hopkins/KY | WS | I | 4,144 | None | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979 SUBREGION: 514, Lower Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: U.S. CONGRESS or EXECUTIVE | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED: STATE LEGISLATURE or EXECUTIVE |
|---|---|---|---|---|---|---|---|---|
| USDA | 276 | Anderson River Watershed Project(PL 566) | Perry, Dubois, Spencer, Crawford/IN | FDA NHR | I | 9,854 | Appropriation | None |
| USDA | 421 | Stewart Creek Watershed Project(PL 566) | Crittenden/KY | FDA | I | 1,600 | Appropriation | None |
| USDA | 424 | Brier Creek RC&D Measure | Saline/IL | FDA | I | 366 | Appropriation | None |
| USDA | 503 | Windy Creek RC&D Measure | Perry/IN | FDA | II | 351 | Appropriation | None |
| USDA | 523 | Hurricane Creek RC&D Measure | Hopkins/KY | FDA NHR | I | 452 | Appropriation | None |
| USDA | 528 | Crab Orchard Creek Watershed Project(PL 566) | Union, Webster/KY | FDA NHR | II | 6,100 | Appropriation | None |
| USDA | 531 | Canoe Creek Watershed Project(PL 566) | Henderson/KY | FDA NHR | II | 5,800 | Appropriation | None |
| USDA | 549 | Big Grand Pierre Creek | Pope, Hardin/IL | NHR | I | 200 | Appropriation | None |
| USDA | 614 | Middle Fork of Deer Creek RC&D Measures | Perry/IN | FDA | I | 272 | Appropriation | None |
| USDA | 616 | Saline Springs Archeological Excavation | Gallatin/IL | NHR | I | 180 | Appropriation | None |
| USDA | 617 | Millstone Bluff Archeological Site | Pope/IL | NHR | I | 26 | Appropriation | None |
| USDA | 619 | Pope County Heron Rookery | Pope/IL | NHR | I | 20 | Appropriation | None |
| Local | 676 | Fairground County Park | Perry/IN | NHR | I | 635 | None | None |
| Local | 677 | Leopold County Park (development) | Perry/IN | NHR | I | 817 | None | None |
| Local | 804 | Derby Community Park | Perry/IN | NHR | I | N/A | None | None |
| FERC/ Private | 279 | Cannelton Dam Hydro Plant | Perry/IN Hancock/KY | P | I | 33,914 | Licensing | None |

## PRIORITIES FOR DETAILED PLANNING OF POTENTIAL PROJECTS IN THE PLAN

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| USDA | 19 | Big Creek Watershed Natural Area | Hardin/IL | NHR | I | N/A | Appropriation | None |
| USDA | 427 | Blue River Watershed Project(PL 566) | Washington, Floyd Harrison, Clark/ IN | FDA | I | N/A | Appropriation | None |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

SUBREGION: 514, Lower Ohio Main Stem

| PRINCIPAL AGENCY | MAP ID | NAME | COUNTY/STATE | PURPOSES | PRIORITY GROUP | ESTIMATED TOTAL PROJECT COSTS ($1,000) | ACTION REQUIRED FOR LEVEL OF EFFORT INDICATED | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDA | 428 | Silver Creek Watershed Project(PL 566) | Scott, Floyd, Clark/IN | FDA NHR | II | 5,300 | Appropriation | None |
| USDA | 504 | Crooked Creek Watershed Project(PL 566) | Spencer/IN | FDA | II | 2,100 | Appropriation | None |
| USDA | 520 | Massac Creek Watershed Project(PL 566) | McCracken/KY | FDA NHR | I | 1,200 | Appropriation | None |
| USDA | 521 | Bayou Creek Watershed Project(PL 566) | Livingston/KY | FDA NHR | III | N/A | Appropriation | None |
| USDA | 525 | Piney Creek Watershed Project(PL 566) | Crittenden, Caldwell/KY | FDA NHR | II | 1,400 | Appropriation | None |
| USDA | 526 | Buffalo Creek Watershed Project(PL 566) | Hopkins, Christian/KY | FDA NHR | III | 381 | Appropriation | None |
| USDA | 533 | Blackford Cr. Watershed Project (PL 566) | Daviess, Hancock/KY | FDA NHR | II | 1,801 | Appropriation | None |
| USDA | 537 | Cox Creek Watershed Project(PL 566) | Bullitt, Nelson Spencer/KY | FDA NHR WS | II | 3,900 | Appropriation | None |
| USDA | 643 | Bullskin Creek Watershed Project(PL 566) | Shelby/KY | FDA | II | N/A | Appropriation | None |
| Army | 426 | Beargrass Creek Basin | Jefferson/KY | FDA | I | 3,420 | Appropriation/ Authorization | None |
| Army | 518 | Campground Lake | Nelson, Washington/KY | FDA NHR | I | 76,500 | Appropriation | None |
| PRIORITIES FOR PRELIMINARY INVESTIGATION OF POTENTIAL PROJECTS IN THE PLAN | | | | | | | | |
| IL | 685 | Grantsburg Swamp Natural Area | Johnson/IL | NHR | I | None | None | Appropriation |
| IL | 733 | Logsdon Pond Natural Area | Gallatin/IL | NHR | I | 136 | None | Appropriation |
| IN | 72 | Little Blue River(State Natural, Scenic and Recreational River) | Crawford/IN | NHR | I | None | None | Appropriation |
| IN | 82 | Fourteen Mile Creek(State Natural, Scenic and Recreation River) | Clark/IN | NHR | I | None | None | Appropriation |
| KY | 436 | Ben Hawes State Park (development) | Daviess/KY | NHR | I | 2,698 | None | Appropriation |
| KY | 665 | Henderson Sloughs (Recreational Development) | Henderson/KY | NHR | I | 666 | None | Appropriation |

# PRIORITIES

## ITEMS RECOMMENDED FOR IMPLEMENTATION

DATE: April, 1979

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|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| KY | 671 | Yellow Creek Recreation Area | Daviess/KY | NHR | I | 47 | None | Appropriation |
| KY | 678 | Jeptha Knob Meteor Natural Area | Shelby/KY | NHR | I | 210 | None | Appropriation |
| KY | 679 | Caperton Swamp Natural Area | Jefferson/KY | NHR | I | 120 | None | Appropriation |
| KY | 680 | Upper Harrods Creek Natural Area | Oldham, Jefferson Henry/KY | NHR | I | N/A | None | Appropriation |
| KY | 681 | Falls of the Ohio Natural Area | Jefferson/KY | NHR | I | 600 | None | Appropriation |
| KY | 743 | Appalachian Stone Gravel Pits(Wetland) | Carroll/KY | NHR | I | N/A | None | Appropriation |
| KY | 744 | Locust Creek Slough (Wetland) | Carroll/KY | NHR | I | N/A | None | Appropriation |
| KY | 752 | Salt River Bottoms (Wetland) | Anderson/KY | NHR | I | N/A | None | Appropriation |
| KY | 755 | Johnson Lake (Wetland) | Nelson/KY | NHR | I | N/A | None | Appropriation |
| KY | 761 | Flint Island | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 763 | Concordia Creek Embayment | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 764 | Concordia Creek Bottoms (Wetland) | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 765 | Wolf Creek Embayment | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 766 | Big Bend Woods (Wetland) | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 767 | Upper Blue River Island | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 768 | Blue River Island | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 773 | Sinking Creek Embayment | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 776 | Corn Island | Hancock/KY | NHR | I | N/A | None | Appropriation |
| KY | 777 | French Island Area | Daviess/KY | NHR | I | N/A | None | Appropriation |

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|---|---|---|---|---|---|---|---|---|
| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| KY | 785 | Goose Pond Ditch Area (Wetland) | Union/KY | NHR | I | N/A | None | Appropriation |
| KY | 788 | Lower Highland Creek Bottoms (Wetland) | Union, Henderson/KY | NHR | I | N/A | None | Appropriation |
| KY | 789 | Wabash Island | Union/KY | NHR | I | N/A | None | Appropriation |
| KY | 794 | Crittenden County Bottoms (Wetland) | Crittenden/KY | NHR | I | N/A | None | Appropriation |
| USDA | 422 | South Fork Saline River Watershed Project(PL 566) | Williamson,Johnson,Pope,Saline/IL | FDA | II | 4,400 | Appropriation | None |
| USDA | 429 | Headwaters of Chaplin River Watershed PRoject(PL 566) | Mercer/KY | FDA | I | N/A | Appropriation | None |
| USDA | 529 | Eagle Creek Watershed Project(PL 566) | Union/KY | FDA NHR | III | 1,300 | Appropriation | None |
| USDA | 532 | Pup Creek Watershed Project(PL 566) | Daviess/KY | FDA NHR | I | N/A | Appropriation | None |
| USDA | 547 | Cypress Creek Watershed Project(PL 566) | Warrick/IN | FDA | I | N/A | Appropriation | None |
| USDA | 553 | Lusk Creek Canyon Natural Area(addition) | Pope/IL | NHR | I | 56 | Appropriation | None |
| USDA | 686 | Long Spring (Cove Spring) Natural Area | Pope/IL | NHR | I | None | Appropriation | None |
| USDA | 713 | Massac Tower Site Natural Area | Pope/IL | NHR | I | 66 | Appropriation | None |
| USDA | 716 | Hayes Creek Natural Area | Pope/IL | NHR | I | 41 | Appropriation | None |
| USDA | 736 | Bell Smith Spring Natural Area | Pope/IL | NHR | I | 140 | Appropriation | None |
| USDA | 737 | Jackson Hollow Natural Area | Pope/IL | NHR | I | $ 35 | Appropriation | None |
| Army | 190 | Shepherdsville Local Protection Project | Bullitt/KY | FDA | II | N/A | Appropriation | None |
| USDI | 13 | Cave-In-Rock Natural Area | Hardin/IL | NHR | I | None | Designation | None |
| Local | 669 | Louisville Bike Trail | Jefferson/KY | NHR | I | 139 | None | None |
| Local | 674 | Jeffries Cliff Park | Hancock/KY | NHR | I | 1,456 | None | None |
| Local | 675 | Oldham County Park | Oldham/KY | NHR | I | 331 | None | None |
| Private | 670 | Bernheim Forest (Trail Development) | Bullitt, Nelson/KY | NHR | I | 315 | None | None |

# PRIORITIES

## ADDITIONAL STUDIES TO AID DECISION-MAKING

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| **ONGOING STUDIES** | | | | | | | | |
| EPA/ IL | - | Greater Egypt & Southeast Illinois Regional Planning and Development Commissions Water Quality Areawide Planning Study (Sec. 208, PL 92-500) | Gallatin, Hamilton, Hardin, Pope Saline, Williamson/IL | WQC | I | 1,200 1st two years | Appropriation | Appropriation |
| EPA/ IL | - | Water Quality Management Plan(Sec. 208/303(e), PL 92-500) | IL Portion | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ IN | - | Water Quality Management Plan(Sec. 208/303(e), PL 92-500) | IN Portion | WQC | I | N/A | Appropriation | Appropriation |
| EPA/ KY | - | Water Quality Management Plan(Sec. 208/303(e), PL 92-500) | KY Portion | WQC | I | N/A | Appropriation | Appropriation |
| ARMY | | Tell City, Indiana | Perry/IN | FDA | I | 300 | Appropriation | None |
| **OTHER STUDIES** | | | | | | | | |
| IL | 272 | Little Eagle Creek Recreation Area | Gallatin/IL | NHR | I | N/A | None | Appropriation |
| USDA | 282 | Highland Creek Watershed Project(PL 566) | Union,Henderson, Webster/KY | FDA NHR WS | III | N/A | Appropriation | None |
| USDA | 611 | Clear Creek Watershed Project(PL 566) | Hopkins, Webster/KY | FDA NHR WQC | II | N/A | Appropriation | None |
| FERC/ ARMY/ Private | 277 | Smithland Dam Hydro Plant | Hardin/IL Crittenden/KY | P | I | N/A | Appropriation | None |
| " | 280 | Newburgh Dam Hydro Plant | Warrick/IN Henderson/KY | P | I | N/A | Appropriation | None |
| " | 281 | Uniontown Dam Hydro Plant | Posey/IN Union/KY | P | I | N/A | Appropriation | None |
| HUD | - | 44 Flood Insurance Studies | Subregion 514 | FDA | I | N/A | Appropriation | None |
| HUD | - | All Remaining Flood Insurance Studies | Subregion 514 | FDA | II | N/A | Appropriation | None |
| USDI | 683 | Carnes Mill Site Natural Area | Crawford/IN | NHR | I | N/A | Appropriation | None |

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| USDI | 684 | Chestnut Hills Natural Area | Pulaski/IL | NHR | I | N/A | Appropriation | None |
| Pri-vate | 566 | Trimble County Power Plant 1/ | Trimble/KY | P | I | N/A | None | None |
| Pri-vate | 568 | Brown Power Plant (Unit 2) | Posey/IN | P | I | N/A | None | None |
| IL | 32 | Harrisburg Local Protec-tion Project Modification | Saline/IL | FDA | II | N/A | None | Appropriation |
| IL | 58 | Junction Local Protection Project | Gallatin/IL | FDA | I | N/A | None | Appropriation |
| IL | 687 | Old Shawneetown Marina | Gallatin/IL | NHR | I | N/A | None | Appropriation |
| IL | 690 | Cottonwood Bar(Wetland) | Pope/IL | NHR | I | N/A | None | Appropriation |
| IL | 708 | Old Shawneetown Fish and Wildlife Area | Gallatin/IL | NHR | I | N/A | None | Appropriation |
| IL | 711 | Sielbeck Forest Tract Natural Area | Massac/IL | NHR | I | N/A | None | Appropriation |
| IL | 712 | Open Pond/Cottonwood Pond Natural Area | Saline/IL | NHR | I | N/A | None | Appropriation |
| IL | 714 | Brownfield Bluff Hill Prairie Natural Area | Pope/IL | NHR | I | N/A | None | Appropriation |
| IL | 715 | Werner Tract Natural Area | Pope/IL | NHR | I | N/A | None | Appropriation |
| IL | 717 | Warner Tract Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 718 | Ethridge Hill Prairie Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 719 | Cave Creek Hill Prairie Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 720 | Indian Point Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 721 | Cypress Pond Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 722 | Jackson Land Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 723 | Thomas Cemetery Area Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 724 | Wise Ridge Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 725 | Scout Cave Natural Area | Johnson/IL | NHR | I | N/A | None | Appropriation |
| IL | 726 | Soward Hill Prairie Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |

1/ This project is opposed by Indiana

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| IL | 727 | Melcher Hill Limestone Glade Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |
| IL | 728 | Big Sink Hill Prairie Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |
| IL | 729 | Victory Mine Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |
| IL | 730 | Barker Bluff Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |
| IL | 731 | Collier Hill Prairie Natural Area | Hardin/IL | NHR | I | N/A | None | Appropriation |
| IL | 732 | Cooper Pond Natural Area | Gallatin/IL | NHR | I | N/A | None | Appropriation |
| IL | 734 | Goose Pond Natural Area | Gallatin/IL | NHR | I | N/A | None | Appropriation |
| IL | 738 | Sielbeck Q Ditch Area Natural Area | Massac/IL | NHR | I | N/A | None | Appropriation |
| IL | 739 | Lewis Estate (South) Natural Area | Massac/IL | NHR | I | N/A | None | Appropriation |
| IL | 740 | Lewis Estate Natural Area | Massac/IL | NHR | I | N/A | None | Appropriation |
| IL | 741 | Tilker Tract Natural Area | Massac/IL | NHR | I | N/A | None | Appropriation |
| IL | 742 | Big Grande Hill Prairie Natural Area | Pope/IL | NHR | I | N/A | None | Appropriation |
| KY | 673 | Wilson Ferry Recreational Development | Daviess/KY | NHR | I | N/A | None | Appropriation |
| KY | 689 | *Apios priceana* Natural Area | Livingston/KY | NHR | I | N/A | None | Appropriation |
| KY | 745 | Little Kentucky River Embayment | Carroll/KY | NHR | I | N/A | None | Appropriation |
| KY | 746 | Middle Creek Embayment | Trimble/KY | NHR | I | N/A | None | Appropriation |
| KY | 747 | Catnip Creek Embayment | Trimble/KY | NHR | I | N/A | None | Appropriation |
| KY | 748 | Burkhardt Bottoms Wetland | Trimble/KY | NHR | I | N/A | None | Appropriation |
| KY | 749 | LG&E Slough Wetland | Trimble/KY | NHR | I | N/A | None | Appropriation |
| KY | 750 | Pattons Creek Embayment | Oldham/KY | NHR | I | N/A | None | Appropriation |
| KY | 751 | 18 Mile Island | Oldham/KY | NHR | I | N/A | None | Appropriation |
| KY | 753 | Maud Swamp Wetland | Washington/KY | NHR | I | N/A | None | Appropriation |
| KY | 754 | Sympson Lake Wetland | Nelson/KY | NHR | I | N/A | None | Appropriation |
| KY | 756 | Howardstown Flats Wetland | Nelson/KY | NHR | I | N/A | None | Appropriation |

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| KY | 757 | Six Mile Island | Jefferson/KY | NHR | I | N/A | None | Appropriation |
| KY | 758 | Towhead Island | Jefferson/KY | NHR | I | N/A | None | Appropriation |
| KY | 759 | Shipping Point Wetland | Jefferson/KY | NHR | I | N/A | None | Appropriation |
| KY | 760 | Sand Island | Jefferson/KY | NHR | I | N/A | None | Appropriation |
| KY | 762 | Doe Run Creek Embayment | Meade/KY | NHR | I | N/A | None | Appropriation |
| KY | 769 | Tar Creek Embayment | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 770 | Clover Creek Embayment | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 771 | Bull Creek Embayment | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 772 | Town Creek Embayment | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 774 | Flint Run Slough Wetland | Breckinridge/KY | NHR | I | N/A | None | Appropriation |
| KY | 775 | Muddy Gut Creek Embayment | Hancock/KY | NHR | I | N/A | None | Appropriation |
| KY | 778 | Maceo Bottoms Wetland | Daviess/KY | NHR | I | N/A | None | Appropriation |
| KY | 779 | Diamond Island | Henderson/KY | NHR | I | N/A | None | Appropriation |
| KY | 780 | Horseshoe Bend-Scuffletown Bottoms Wetland | Henderson/KY | NHR | I | N/A | None | Appropriation |
| KY | 781 | Upper and Lower Bottoms Wetland | Henderson, Union/KY | NHR | I | N/A | None | Appropriation |
| KY | 786 | Harding Pond Area Wetland | Union/KY | NHR | I | N/A | None | Appropriation |
| KY | 787 | Upper Highland Creek Bottoms Wetland | Union/KY | NHR | I | N/A | None | Appropriation |
| KY | 790 | Slover Ditch Wetland | Webster/KY | NHR | I | N/A | None | Appropriation |
| KY | 791 | Vaughn Ditch Wetland | Webster/KY | NHR | I | N/A | None | Appropriation |
| KY | 792 | Tradewater Bottoms Wetland | Webster, Hopkins/KY | NHR | I | N/A | None | Appropriation |
| KY | 793 | Clear Creek Bottoms Wetland | Hopkins/KY | NHR | I | N/A | None | Appropriation |
| KY | 795 | Livingston County Bottoms Wetland | Livingston/KY | NHR | I | N/A | None | Appropriation |
| KY | 797 | Tradewater River Swamps Wetland | Caldwell/KY | NHR | I | N/A | None | Appropriation |
| USDA | 21 | Pound Hollow Natural Area | Gallatin/IL | NHR | I | N/A | Appropriation | None |
| USDA | 551 | Cave Spring Cave Natural Area | Hardin/IL | NHR | III | N/A | Appropriation | None |

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| | | | | | | | U.S. CONGRESS or EXECUTIVE | STATE LEGISLATURE or EXECUTIVE |
| Army | 162 | McAlpine Lock and Dam Modification | Clark/IN Jefferson/KY | T | II | N/A | Appropriation | None |
| Army | 278 | Ohio River Navigation Study(Cumberland to Mouth) | Pulaski/IL Ballard, McCracken/KY | T | I | N/A | Appropriation | None |
| Army | 519 | Howardstown Lake | Nelson, Larue/KY | FDA | II | N/A | Appropriation | None |
| Army | 615 | Cache River Dam System | Union, Johnson, Massac/IL | FDA | III | N/A | Appropriation | None |
| Local | 672 | Twelve Mile Island Recreation Development | Jefferson/KY | NHR | I | N/A | None | None |
| Private | 667 | Spencer Power Plant | Spencer/IN | P | I | N/A | None | None |
| USDA | 623 | Cypress Ditch RC&D Measure | Gallatin/IL | FDA | II | N/A | Appropriation | None |
| USDA | 644 | Crawford Creek Watershed Project(PL 566) | Gallatin/IL | FDA | II | N/A | Appropriation | None |
| USDI | - | Ohio River Islands Biological Survey | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| USDI | - | Fish & Wildlife Instream Flow Needs, Ohio River Tributaries | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| USDI | - | Ohio River Mussel Beds | IL,IN,KY,OH,PA,WV | NHR | I | 300 | Appropriation | None |
| USDI | - | Ohio River Embayments - Fish & Wildlife Utilization | IL,IN,KY,OH,PA,WV | NHR | I | N/A | Appropriation | None |
| USDI | - | Ohio River In-Water Disposal of Dredge Spoil Materials | IL,IN,KY | NHR WQC | I | N/A | Appropriation | None |
| ORSANCO | - | Organics Monitoring Program | IL,IN,KY,OH,PA,WV | WQC | I | $700(1st 2 years) | Appropriation | None |
| ORSANCO | - | Ohio River Small Tributary Non-Point Source Model Study | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |
| ORSANCO | - | Identification of Causes of High Fecal Coliform Levels | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |
| ORSANCO | - | Ohio River Aquatic Life (Includes Neoplasms, PCB's, etc.) | IL,IN,KY,OH,PA,WV | WQC | I | N/A | Appropriation | None |